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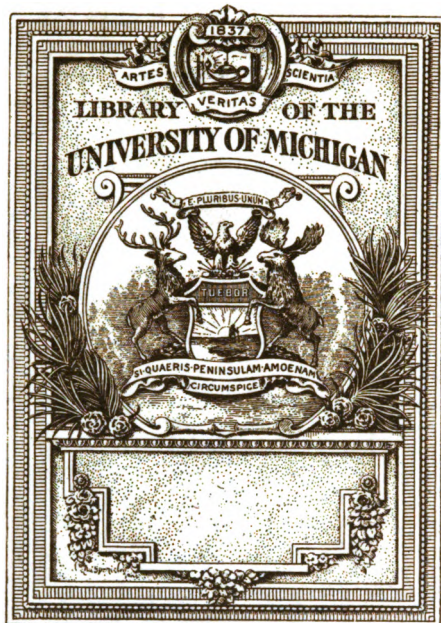
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ANNUAL REPORT OF THE
COMMISSIONERS OF THE
DISTRICT OF COLUMBIA
YEAR ENDED JUNE 30, 1915

Vol. III



REPORT OF THE HEALTH OFFICER



WASHINGTON
1915



OFFICERS AND EMPLOYEES OF THE HEALTH DEPARTMENT.

JUNE 30, 1915.

Health officer.

WILLIAM C. WOODWARD, M. D.

Assistant health officer.

JOHN L. NORRIS, M. D.

Chief clerk and deputy health officer.

HARRY C. MCLEAN.

Clerks.

S. PHILLIPS.
A. G. COLE.
C. D. HERRMANN.
E. LUCAS.

T. W. PARSONS.
A. C. PATTERSON.
A. W. AYRE.
L. H. CROWE.

LE ROY B. FOSTER.
W. A. STOWELL.
W. M. SMITH.

Chief sanitary inspector.

C. R. HOLMAN.

Chief food inspector.

R. S. WILSON.

Bacteriologist.

J. J. KINYOUN, M. D.

Assistant bacteriologists.

J. E. WALSH, M. D.
L. V. DIETER, PHAR. D.

Chemist.

R. L. LYNCH, PHAR. D., M. D.

Assistant chemist.

M. A. POZEN, PHAR. D., B. S.

Sanitary inspectors.

R. E. BECKHAM.
C. H. BUCHANAN.
J. F. BUTTS.
W. R. SMITH.

C. C. STAUB.
C. H. WELCH.
E. W. WHITAKER.
A. S. WOODLAND.

C. H. SORRELL.
M. STARBECKER.
C. R. COLVIN.
WM. ELLISON.

Food inspectors.

R. R. ASHWORTH, D. V. S.
 J. P. TURNER, V. M. D.
 H. S. DRAKE, V. S.
 J. R. GRIME, D. V. S.
 C. M. GRUBB, D. V. M.
 JOHN ROME, D. V. S.

W. B. DODGE.
 H. J. MULLIGAN.
 R. A. GUERRANT.
 H. S. LUCAS.
 R. RANDALL.
 W. H. CAMERON.

T. B. CARROLL.
 P. A. CHAMBERLIN.
 W. H. H. HOOVER.
 B. F. MINSHALL.

Eight-hour female labor.

W. C. DILLER, inspector.
 M. L. SIMPSON, inspector.

M. P. TAGG, inspector.
 LUCILLE GARDINER, stenographer and clerk.

Pound service.

G. W. RAE, poundmaster.

Laborers.

J. BURRILL.
 W. JONES.

B. PRICE.
 H. SHAMWELL.

Skilled laborers.

F. W. WILLNER.

H. LEVY.

Messenger and janitor.

J. H. PECK.

Driver.

ISAAC PINKNEY.

Contagious-disease service.

W. C. FOWLER, M. D., chief medical inspector.
 LLEWELLYN ELIOT, M. D., medical inspector. J. D. BRADFIELD, M. D., medical inspector.
 E. L. LEMERLE, M. D., medical inspector. J. L. BROOKS, M. D., medical inspector.
 A. L. HUNT, M. D., medical inspector. W. J. FRENCH, M. D., medical inspector.
 OLIVE C. GORDON, inspector.

Skilled laborer.

J. J. QUICKLEY.

Laborer.

G. W. HALL.

Disinfecting service.

C. M. BEALL, M. D., inspector.

W. D. TAPSCOTT, engineer.

EDW. NEWMAN, laborer.

Crematorium.

ERNEST BISHOP, superintendent.

Medical and dental inspection of public schools.

J. S. ARNOLD.
 C. B. CONKLIN.
 J. R. FRANCIS.
 H. W. FREEMAN.
 G. H. HETTMULLER.

W. C. KILLINGER.
 H. C. MACATEE.
 E. H. REEDE.
 ALBERT RIDGELEY.
 LOUISE TAYLER-JONES.

C. A. TIGNOR.
 J. D. THOMAS.
 PRENTISS WILLSON.

School nurses.

M. L. BRAXTON.
 E. B. FLEMING.
 E. B. FLYNN.

B. McK. OHR.
 EMMA WILSON.

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REPORT OF THE HEALTH OFFICER.

HEALTH DEPARTMENT,
Washington, September 9, 1915.

GENTLEMEN: I have the honor to submit the following report for the fiscal year ended June 30, 1915. So much of it as relates primarily to the public health—that is, Part I—covers the calendar year 1914 and in outline the first half of the calendar year 1915. So much as relates to administrative affairs of the Health Department—covered by Part II—has reference only to the fiscal year ended June 30, 1915.

PART I.

THE STATE OF THE PUBLIC HEALTH IN THE DISTRICT OF COLUMBIA DURING THE CALENDAR YEAR 1914, WITH A SUPPLEMENTARY STATEMENT RELATING TO THE FIRST SIX MONTHS OF THE CALENDAR YEAR 1915.

It is possible here to state only in general terms the record of births, illness, and deaths in the District during the period covered by this report. Details are, however, elaborately set forth in the various appendices submitted herewith.

POPULATION.

No census was taken during the calendar year 1914. The birth rates, morbidity rates, and death rates stated in this report are therefore based upon an estimated population, except the morbidity rates and death rates of infants under 1 year of age, which are, as usual, computed upon the basis of the number of births registered. The estimated population was computed upon the hypothesis that the rate of increase or decrease between the police censuses of 1912 and 1913 continued on into the calendar year 1914. The estimated population as thus ascertained was 353,664, made up of whites, 256,049, and colored 97,615.

GENERAL BIRTH RATES AND DEATH RATES.

The calendar year 1914 was marked by an increase in the frequency of births and decreases in the frequency of stillbirths and of deaths. The birth rate, which had declined from 20.85 in 1907 to 19.54 in 1913, rose in 1914 to 20.16. The frequency of stillbirths, continuously diminishing since 1911, when the rate per 1,000 of the population was 1.71, fell to 1.26 during 1914. The general death rate, that began to decline in 1910, when it was 18.80, continued to fall through 1914, when it was 16.59. Details appear in the following table:

Population, births, stillbirths, and deaths in the District of Columbia, with corresponding rates, during calendar years 1901 to 1914, inclusive.

Calendar years.	Popula- tion.	Births.	Still- births.	Deaths.	Rate per 1,000.		
					Births.	Still- births.	Deaths.
1901-1905, average.....	311,325	5,409	570	6,042	17.38	1.83	19.41
1906-1910, average.....	336,940	6,900	577	6,304	20.48	1.71	18.71
1911.....	349,568	7,032	504	6,303	20.12	1.44	18.03
1912.....	352,936	7,007	501	6,259	19.85	1.42	17.73
1913.....	353,297	6,903	500	6,006	19.54	1.41	16.99
1914.....	353,664	7,130	447	5,866	20.16	1.26	16.59

BIRTHS AND STILLBIRTHS.

Birth rates.—Births and stillbirths registered during the year numbered 7,577, equivalent to a natality of 21.42 per thousand. Of the children of known race 5,104 were white and 2,422 were colored. The natality of the white race was, therefore, 19.93 and of the colored race 24.81. These figures with figures for comparison with the previous years, appear in the following table:

Natality in the District of Columbia, by years and by race, during the calendar years 1906 to 1914, inclusive.

Calendar years.	Births and stillbirths registered.				Rate per 1,000 of corresponding population.			
	White.	Colored.	Un- known.	Total.	White.	Colored.	Un- known.	Total.
1906-1910, average.....	4,832	2,583	62	7,477	20.1	26.7	.....	22.2
1911.....	4,943	2,524	69	7,536	19.7	25.7	.....	21.6
1912.....	4,901	2,532	75	7,508	19.2	25.7	.....	21.3
1913.....	4,834	2,509	60	7,403	18.9	25.6	.....	20.9
1914.....	5,104	2,422	51	7,577	19.93	24.81	.....	21.42

Stillbirths.—Of all children born 5.8 per cent were born dead; of the white children 3.5 per cent and of the colored children 8.9 per cent. So far as the records show, of all legitimate children 4.6 per cent were born dead and of illegitimate children 12.1 per cent. These figures are in harmony with the common belief that the percentage of stillbirths incident to the delivery of mothers of illegitimate children is greater than the corresponding percentage for deliveries of mothers of legitimate children. The frequency of stillbirths during the year, with certain details and with figures for comparison, are embodied in the following table:

Stillbirths in the District of Columbia, relative frequency of, with reference to race, legitimacy, and illegitimacy, during the calendar years 1906 to 1914, inclusive.

Calendar years.	Stillbirths registered.				Rates per 1,000.				Percentage of stillbirths of each class named below computed upon the basis of all live and still births together for each such class.							
									By race.				Social status.			
	White.	Colored.	Unknown.	Total.	White.	Colored.	Unknown.	Total.	White.	Colored.	Unknown.	Total.	Legitimate.	Illegitimate.		
1906-1910, average.....	200	315	62	577	0.8	3.2	.....	1.7	4.1	12.2	.....	7.7	5.6	14.9		
1911.....	171	266	67	504	.7	2.7	.....	1.4	3.5	10.5	.....	6.7	5.0	12.8		
1912.....	167	259	75	501	.7	2.6	.....	1.4	3.4	10.2	.....	6.7	4.9	12.2		
1913.....	167	273	60	500	.7	2.9	.....	1.4	3.5	10.9	.....	6.8	5.1	13.3		
1914.....	179	217	51	447	.6	2.2	.....	1.3	3.5	8.9	.....	5.8	4.6	12.1		

Illegitimacy.—The percentage of births reported as illegitimate during the calendar year 1914, 8.7, was the lowest that has been recorded since 1894, with the exception of the year 1910, when it was 8.6, practically the same as last year. This improvement was based upon a diminished frequency among both whites and colored, but the usual excessive incidence of illegitimacy on the colored race continued. Details, with figures for comparison, appear in the following table:

Illegitimacy in the District of Columbia, prevalence of, by years and by race, during the calendar years 1906 to 1914, inclusive.

Calendar years.	Illegitimate births and stillbirths registered.				Rates per 1,000 of corresponding population.				Percentage of all births and stillbirths reported as illegitimate.			
	White.	Colored.	Unknown.	Total.	White.	Colored.	Unknown.	Total.	White.	Colored.	Unknown.	Total.
1906-1910, average...	110	572	.....	682	0.5	5.9	.....	2.0	2.3	22.1	.....	9.2
1911.....	105	557	67	729	.4	5.7	.....	2.1	2.1	22.1	.....	9.7
1912.....	112	574	88	774	.4	5.8	.....	2.2	2.3	22.7	.....	10.3
1913.....	123	570	69	762	.5	5.8	.....	2.2	2.5	22.7	.....	10.3
1914.....	98	507	55	660	.4	5.2	.....	1.9	1.9	20.9	.....	8.7

The following table shows the ages of the mothers of the illegitimate children whose births were recorded during the calendar year 1914, with corresponding figures for preceding years:

Illegitimacy in the District of Columbia: Ages of mothers of illegitimate children whose births and stillbirths were recorded during the calendar years 1911 to 1914, inclusive.

When recorded.	Ages of mothers in years.												Total.
	12	13	14	15	16	17	18	19	20	Total under 21.	Total 21 and over.	Age not stated.	
Calendar year—													
1911.....		3	4	17	33	49	54	46		257	204	182	643
1912.....		1	7	19	52	77	90	76	57	379	225	170	774
1913.....	1	1	4	29	55	80	98	82	62	412	275	6	693
1914.....		1	8	15	53	67	106	62	49	361	215	29	605

Physicians and midwives to a very considerable extent do not avail themselves of the right given under the law to report illegitimate births in such a way as to conceal the identity of parents and child. Among 532 reports of the births of illegitimate live-born children, 312 contained identifying data; of 90 white cases. 42 contained such data; and of 442 colored, 270 contained them.

Births in institutions and under the care of midwives.—The diminishing frequency with which midwives are called upon in cases of confinement and the increasing frequency of resort to hospitals under such conditions are shown in the following table:

Midwives and lying-in hospitals in the District of Columbia: Live births reported by midwives and from institutions during the calendar years 1908 to 1914, inclusive.

Calendar years.	Number reported.			Percentage reported	
	Total.	From institutions.	By midwives.	From institutions.	By midwives.
1908-1910, average.....	7,032	1,400	1,216	19.9	17.3
1911.....	7,032	1,616	1,042	23.0	14.8
1912.....	7,007	1,788	953	25.5	13.6
1913.....	6,903	1,936	842	28.0	12.2
1914.....	7,130	2,182	699	30.6	9.8

Of all births and stillbirths reported by physicians, 2,328 occurred in institutions and 4,439 in private homes. Of the institutional cases, 146 were stillbirths, equal to 6.3 per cent; and of the deliveries at home, 205 were of that class, equivalent to 4.6 per cent. No statement is made as to the per cent of stillbirths occurring in the practice of midwives, because of uncertainty as to the reports of such cases.

STATISTICS OF ILLNESS AND DEATH.

General mortality.—During the calendar year 1914 there occurred 5,866 deaths, as compared with 6,006 during the previous year. This represents a fall in the death rate from 16.99 to 16.59, the latter figure being the lowest death rate ever recorded in the District. Figures for comparison with previous years appear in the table printed on page 11.

Mortality by race.—The death rate for the whites during the year was 13.64; that for the colored, 24.31. Each shows a decline and is the lowest death rate recorded in the District for the corresponding

race. Details, with figures for comparison, appear in the following table:

Racial population, deaths, and death rates in the District of Columbia, by calendar years from 1896 to 1914, inclusive.

Years.	Population.		Deaths.		Death rates.	
	White.	Colored.	White.	Colored.	White.	Colored.
1896-1900, average.....	194, 517	89, 272	3, 238	2, 573	16.65	28.82
1901-1905, average.....	217, 606	93, 719	3, 385	2, 647	15.60	28.20
1906-1910, average.....	240, 244	96, 096	3, 626	2, 678	15.09	27.69
1911.....	251, 409	98, 159	3, 739	2, 564	14.87	26.12
1912.....	254, 200	98, 076	3, 606	2, 653	14.18	26.89
1913.....	255, 153	98, 144	3, 568	2, 438	13.98	24.84
1914.....	256, 049	97, 615	3, 493	2, 373	13.64	24.31

Deaths and death rates in alleys.—In the absence of a police census to show the population of each inhabited alley, no effort has been made to compute death rates for alleys as compared with death rates for streets. A statement of the actual number of deaths that occurred in each inhabited alley, with a certain limited grouping by diseases and by age periods, appears on page 230.

Deaths in institutions.—Of the 5,866 deaths recorded in the calendar year 1914, 2,311 occurred in institutions. Of the 3,493 white deaths 1,336 occurred in institutions, and of the 2,373 colored deaths 975 so occurred.

Deaths from particular diseases.—The following table shows the causes of death most active in the calendar year 1914, arranged in order of their relative activity, with corresponding figures for the preceding year. From this table it appears that of the 5,866 deaths that occurred 3,678 were the result of but 10 diseases, and that of these diseases only 1, pulmonary tuberculosis, was a disease commonly recognized as communicable and reportable.

Most potent causes of death in the District of Columbia during the calendar years 1913 and 1914, arranged in order of relative influence on the death rate in the latter year.

Diseases.	Deaths.			Death rate per 100,000.		
	Annual average for 1906-1910.	1913	1914	Annual average for 1906-1910.	1913	1914
Organic heart disease.....	568	716	657	169	203	186
Pulmonary tuberculosis.....	749	677	611	222	192	173
Bright's disease.....	442	489	588	131	138	166
Pneumonia (all forms).....	554	484	468	163	137	132
Apoplexy.....	327	385	419	97	109	119
Malignant tumors.....	276	351	344	82	99	97
Prematurity.....	215	183	183	64	52	52
Arteriosclerosis.....	84	94	143	25	27	40
Diarrhea, under 2 years.....	305	208	142	91	59	40
Senility.....	200	151	123	59	43	35
Endo and myo carditis.....	72	60	100	21	17	28
Bronchitis (all forms).....	128	99	96	38	28	27
Marasmus, under 1 year.....	62	97	71	18	27	20
Paresis.....	33	48	67	10	14	19
Grippe.....	96	49	65	28	14	18
Diabetes.....	41	59	64	12	17	18
Diarrhea, 2 years and over.....	72	68	57	21	19	16
Nephritis, acute.....	59	77	51	18	22	14
Gastritis.....	73	56	48	22	16	14
Typhoid fever.....	119	57	45	35	16	13

Statistics showing the incidence and distribution of all causes of death that were operative during the calendar year 1914 appear in the appendix.

Reportable diseases.—The following table shows the extent to which each of the several reportable diseases prevailed during the calendar year 1914 and the percentage of fatalities and the death rate from each such disease, with corresponding figures for the preceding year:

Reportable diseases in the District of Columbia: Cases, case rates, deaths, percentage of fatalities, and death rates, during the calendar years 1913 and 1914.

Diseases.	Cases.		Case rate per 100,000.		Deaths.		Percentage of cases ending fatally.		Death rate per 100,000.	
	1913	1914	1913	1914	1913	1914	1913	1914	1913	1914
Anterior poliomyelitis.....	5	8	1	2	0	1	0.0	12.5	0.0	0.3
Chicken pox.....	1,002	1,031	309	291	0	0	0	0	-----	-----
Diphtheria.....	530	452	150	123	26	31	5.0	6.9	7.4	8.8
Epidemic cerebro-spinal meningitis..	4	8	1	2	3	5	75.0	62.5	.8	1.4
Leprosy.....	0	2	0	56	0	0	0	0	0	0
Measles.....	5,713	947	1,617	268	24	1	.4	.1	6.8	.3
Pellagra.....	4	21	1	6	10	14	100.0	66.6	2.8	4.0
Scarlet fever.....	556	311	157	88	14	1	2.0	.3	4.0	.3
Smallpox.....	140	150	40	42	0	0	0	0	-----	-----
Tuberculosis (all communicable forms).....	1,181	1,057	334	299	759	652	64.3	61.7	227.3	202.0
Typhoid fever.....	461	340	130	96	57	45	11.0	13.0	16.1	12.7
Whooping cough.....	319	537	90	152	17	18	5.0	3.3	4.8	5.1

Two cases of leprosy appeared in the District during the calendar year 1914. On June 2, 1914, John Early reappeared. Early, it will be remembered, was on two previous occasions quarantined in the District of Columbia as a leper. Each time he was allowed to go to the State of New York, with the consent of the United States Public Health Service and the authorities of that State. After his last trip to New York, he found his way to the United States quarantine station at Diamond Head, in the State of Washington, where he was employed as an attendant upon certain leper patients. It was from that station that he came to the District of Columbia, but all efforts to obtain his return there through the Federal authorities proved unsuccessful. The second leper patient appeared on December 10, 1914, the first notice of his arrival being his statement to a police officer that he was suffering from leprosy, coupled with a request that he be cared for. He was, of course, promptly taken to the leper hospital, where Early was in quarantine. This second patient, Emil Grable, claimed to have come to the District of Columbia from quarantine in the St. Louis, Mo., quarantine station, and to have been quarantined previously at San Francisco, Cal., and Salt Lake City, Utah. An appeal was made to the Treasury Department to return Grable to the State where he had resided, or else to send him to some Federal quarantine station designated by the Secretary of the Treasury, under authority of article 3, paragraph 11, of the interstate quarantine regulations, which paragraph was promulgated May 15, 1912, and is as follows:

Paragraph 11. Any person who presents symptoms of leprosy and who is traveling or who has left the State where he resides, in violation of the above regulations, shall be detained, and if proven to be a leper shall be returned to such state or removed to such Federal quarantine station as the Secretary of the Treasury may designate and the proper health authorities notified.

Under date of December 30, 1914, however, the Acting Secretary of the Treasury, B. R. Newton, wrote the commissioners that no lepers were being sent to Federal quarantine stations and that it was not practicable to force the return of a leper to the State from which he had departed. At the close of the fiscal year covered by this report, both lepers were still charges upon the District government.¹

Deaths at the District workhouse, Occoquan, Va.—The average daily population in the District of Columbia workhouse at Occoquan, Va., during the calendar year 1914, was 624. Nine deaths occurred in the institution during that period, equivalent to a death rate of 14.37. The causes of death and duration of residence are stated on page 115.

VITAL STATISTICS, CALENDAR YEAR 1915.

As the fiscal year covered by this report ended June 30, 1915, a summary of the vital statistics can be given only as they relate to the first six months of the year.

Population.—The taking of the police census, due in the spring of 1915, was postponed until the fall of the year.

Births and stillbirths.—During the first half of the calendar year 1915, there were reported 3,525 births, as against 3,535 reported during the corresponding period of the preceding year. Stillbirths reported during the first half of 1915 numbered 219, the corresponding figure for the first half of 1914 being 236.

Illness and deaths.—Deaths during the first half of the calendar year 1915 numbered 3,397, as compared with 3,138 during the corresponding portion of the preceding year. This increase was due in no small degree to the increased prevalence of pneumonia, 429 deaths having been recorded in 1915, while only 317 were recorded during 1914. The same conditions, doubtless, that led to an increased mortality from pneumonia led to an increase also in the number of deaths from pulmonary tuberculosis, from 313 to 361.

The number of cases of reportable diseases recorded during the first six months of 1915 was 4,110, as against 3,127 recorded during the corresponding part of 1914.

The details of the morbidity pertaining to reportable diseases and pertaining to mortality generally, during the first half of the calendar year 1915, in so far as it has been deemed worth while to elaborate and print such statistics, appear in the report of the clerk in charge of vital statistics, on page 115.

DISPOSAL OF THE DEAD.

The number of dead bodies, exclusive of the bodies of stillborn infants, disposed of during the calendar year 1914 under permits

¹ Grable escaped quarantine on Aug. 13, 1915, and went to Pittsburgh, Pa. He was subsequently delivered to representatives of the U. S. Public Health Service, Treasury Department.

issued by this Department, and the methods of disposal, are shown in the following table:

Disposal of dead bodies, exclusive of bodies of stillborn infants, coming under the supervision of the health department during the calendar year 1914.

Method of disposal.	Died in the District of Columbia.	Died outside of the District of Columbia; brought in for disposal.	Total.
Sent out of the District for disposal:			
To Arlington National Cemetery	304	32	336
To other places	1,157	36	1,193
Total	1,461	68	1,529
Cremated:			
Lee's crematory	48	11	59
District crematory	228	2	230
Total	276	13	289
Buried in the District	4,033	467	4,500
Anatomical board	96		96
Total	4,129	467	4,596
Total disposed of	5,866	548	6,414

Cemeteries and crematories.—Since the last report of this department was issued, there has been no increase in the number, and no change in the location or types of cemeteries and crematories within the District of Columbia.

CONTAGIOUS DISEASES OF ANIMALS.

Rabies.—The following table shows the extent to which rabies prevailed in the District of Columbia during the fiscal year 1915, with corresponding figures for the preceding year:

Rabies in the District of Columbia during the fiscal year 1915, and corresponding data for the preceding fiscal year.

	Fiscal years.	
	1914	1915
Dogs reported to the health department as rabid or suspected of being rabid	53	21
Other animals reported as rabid or suspected of being rabid	1	
Instances in which diagnosis of rabies was confirmed by post-mortem findings of the Bureau of Animal Industry, dogs	31	8
Persons bitten by dogs, rabid or suspected of being rabid	38	23
Persons bitten by other animals, rabid or suspected of being rabid, cat, negative	1	
Domestic animals bitten by dogs, rabid or suspected of being rabid	11	3
Persons bitten by dogs and cats and other animals known to be rabid, as shown by post-mortem findings of the Bureau of Animal Industry, dogs	24	11
Pasteur treatment administered to individuals during the fiscal year (reports received from the Hygienic Laboratory, Public Health Service)	1129	34

¹ This includes individuals from outside of the District of Columbia as follows: 1913-14, 62; 1914-15, 23.

Because of the prevalence of rabies, the commissioners, on August 5, 1914, renewed the proclamation requiring the muzzling of all dogs, to take effect August 9, 1914, and continue for a period of one year.

Two person died from rabies during the fiscal year—one, a 6-year-old girl, died on December 23, 1914, and the other, a man 48 years of age, died on May 11, 1915.

The prevention of rabies depends upon the prevention of the running at large of dogs without proper muzzles. The force provided for the pound service is not sufficient to accomplish this end, and in any event it would be impracticable to impound dogs running at large at night, if only unmuzzled or untagged dogs can be impounded at that time. Pound men can not discriminate in the dark between tagged and untagged, muzzled and unmuzzled dogs. Eradication of rabies requires, therefore, as a condition precedent, an increase in the pound force and the enactment of a law forbidding any owner or custodian of a dog from allowing it to run at large at night under any conditions whatsoever.

Hog cholera.—No hog cholera occurred during the calendar year 1914. Fifteen cases occurred in the first half of 1915, as the result of two outbreaks, both on the same farm.

Anthrax.—Eleven hogs died of anthrax in June, 1915, on a near-by dairy farm, in Maryland, supplying milk to this city.

Foot-and-mouth disease.—As an incident to the general outbreak of foot-and-mouth disease throughout the United States, the disease appeared on three farms in the District of Columbia and at the Benning abattoir—on two farms in November, 1914, and on the third farm and at the abattoir in February, 1915. The total number of cases was 370, of which 6 were cattle and the remainder hogs. Forty-five cattle and 364 hogs were killed as a result, and the carcasses condemned. Through the cooperation of the United States Department of Agriculture, the spread of the disease was prevented. The regulations promulgated by the commissioners at the beginning of the outbreak, in order to facilitate quarantine against infected places and to aid in the prevention of the spread of the disease, should it be introduced, are printed on page 98.

Glanders.—No case of glanders came to the attention of the health department during the year.

PART II.

ADMINISTRATION.

SUPERVISION.

There has been no change during the past fiscal year in the methods employed for the supervision of the work of the health department.

MEDICAL SERVICE.

The organization and methods of the medical service of the department remain the same as presented in the last annual report. The official designation of the officer in charge of this service was, however, by order of the commissioners, dated July 8, 1914, changed from

"medical inspector in charge of the contagious disease service" to "chief medical inspector."

CONTAGIOUS DISEASE SERVICE.—The amount and kind of work done by the contagious disease service during the fiscal year 1915 are suggested by the following table:

Reportable diseases in the District of Columbia: Cases reported to the health department during the fiscal years 1914 and 1915.

Diseases.	Fiscal year 1914.	Fiscal year 1915.
Anterior poliomyelitis.....	3	9
Chicken pox.....	1,060	932
Diphtheria.....	509	357
Epidemic cerebrospinal meningitis.....	8	5
Leprosy.....	1	1
Measles.....	929	1,743
Pellagra.....	15	20
Scarlet fever.....	406	719
Smallpox.....	134	36
Tuberculosis.....	1,046	1,135
Typhoid fever.....	410	319
Whooping cough.....	391	563
Total.....	4,912	5,839

Smallpox hospital and quarantine station.—During the fiscal year 1915, the smallpox hospital was open 156 days, 35 patients were treated, and the total number of patient days was 685.

The quarantine station was open 187 days, during which time 68 persons were admitted. The total number of inmate days was 829.

The smallpox hospital, including the administration building, and the quarantine station were wired during the year for electric lighting, and the necessary fixtures installed. The interior and exterior of the smallpox hospital, including the administration building, were painted. The District appropriation bill passed March 3, 1915, provided \$1,000 for repairs to the hospital and administration buildings and \$400 for repairing and painting the quarantine station, reported by the municipal architect as necessary, and this work will be done during the coming year. Both the smallpox hospital and the quarantine station should be equipped with proper furnaces for the destruction of the wastes, and there is urgent need for the building of a stable or garage suitable for the service of these institutions in times of emergency.

Ambulance service.—The ambulance provided for use in connection with the smallpox hospital transferred to that institution during the year 35 persons. Sixty-eight persons were conveyed to the quarantine station in that ambulance or in one of the other vehicles in the service of the health department.

The ambulance used for the transfer of patients suffering from minor contagious diseases to Garfield Memorial and Providence Hospitals made during the year 436 trips, carrying 420 patients, on 231 days.

Organization.—The organization of the contagious disease service during the fiscal year 1915 remains upon the same basis as was stated in the last annual report of this department. The amount of money appropriated by Congress to pay for personal services in

connection with the contagious disease work of the health department is inadequate for the employment of a sufficient number of persons or for in some cases the payment of adequate salaries to such as are employed. It is, too, insufficient for the proper protection of the community against the various communicable diseases with which the health department has to cope. Recommendations for the making of appropriations of such amount and in such a way as will correct these conditions to at least a limited extent have been made in connection with the estimates of the expenses of the health department for the fiscal year 1917.

Cost of contagious disease service.—The following table shows the cost of the contagious disease service during the fiscal year 1915, with corresponding figures for the preceding year:

	Fiscal year 1914.	Fiscal year 1915.
General services:		
Services.....	\$9,227.25	\$8,406.75
Supplies.....	3,454.74	1,890.86
Ambulance service:		
Services.....	1,060.37	1,062.00
Supplies.....	683.58	615.58
Smallpox hospital:		
Services.....	3,103.00	1,783.25
Supplies.....	3,868.71	5,897.11
Quarantine station:		
Services.....	1,862.00	1,609.25
Supplies.....	2,257.25	1,535.14
Total for contagious-disease service.....	25,516.90	21,789.94

Isolating wards, Providence and Garfield Memorial Hospitals.—The following statement shows the service rendered by the isolating wards at Garfield Memorial and Providence Hospitals:

Names of institutions.	Pay patients (hospital days).	Free patients (hospital days).	Total (hospital days).	Total appropri- ated by Govern- ment.	Paid by District for year.	Cost to District per free patient per day.
Garfield Memorial Hospital....	2,848	5,730	8,578	\$7,000	\$7,000	\$1.22
Providence Hospital.....	383	1,505	1,888	5,000	4,503	2.99

NOTE.—No account is rendered for money received from pay patients.

By a contract executed November 12, 1914, service rendered by Providence Hospital was placed upon the same basis as has been for several years past the rendering of service by Garfield Memorial Hospital, namely, upon the basis of a fixed amount monthly to cover the maintenance of the institution for the use of the District government and of all persons desiring to use it, and the further payment by the District government of \$1 a day for each patient treated in the institution at public expense; with the limitation, however, that if after the deduction of the amount necessary for all flat monthly payments, the balance of the appropriation be exhausted prior to the close of the fiscal year, then that the institution should continue to treat all patients sent there by the District government without charge. Under this arrangement the amount earned by Providence

Hospital was \$4,503, being \$497 less than the total appropriation. Garfield Memorial Hospital, however, earned the entire appropriation, \$7,000, and thereafter rendered 2,730 patient-days' service, for which it would have been entitled under its contract to \$2,730, had it not been for the saving clause to prevent a deficiency. This condition, however, was due to the unusual prevalence of certain communicable diseases during the year. As the result of such prevalence Garfield Memorial Hospital rendered 2,848 days' service to patients who made payment directly to the institution, while Providence Hospital during the same period rendered only 383 days' service to pay patients. As no account is received from either institution of money paid it on account of service rendered pay patients, this department is unable to determine whether the situation that existed last year did or did not impose upon Garfield Memorial Hospital the burden of caring at the expense of the institution for patients who were, broadly speaking, properly charges against the District government or the public.

Disinfecting service.—During the fiscal year 1915, 2,153 premises were disinfected. This represents an increase of 250 since the preceding year. A statement of this work in detail appears in the report of the chief medical inspector on page —.

The method of fumigating dwellings by the use of the standard solution of formaldehyde, combined with potassium permanganate, was rendered impracticable during the year by reason of the increase in the price of potassium permanganate that resulted from the European war. For that method one was substituted which requires the use of the standard solution of formaldehyde, magnesium sulphate, commercial sulphuric acid, and lime. So far as relates to the occurrence of cases of disease in the premises fumigated since the use of the new method, the results have been quite as satisfactory as they were when the former method was in use. It may be, of course, as is claimed by some, that had there been no fumigation at all the results would have been the same; and as a matter of fact this department is watching with interest the result of the abandoning of routine house fumigation in some communities. As soon as the advisability of abandoning terminal household fumigation has been established as the result of their experience, this department will abandon it in this District in so far as it has authority to do so, and will recommend the enactment of legislation authorizing the abandoning of it in those cases in which it is now required by law.

The organization of the disinfecting service has continued during the year on the basis set forth in the last preceding annual report of this department. The cost of the disinfecting service during the year was \$5,208.14, of which \$3,679.92 was for personal services and \$1,528.22 was for disinfectants, forage, horseshoeing, and other incidental expenses.

On March 6, 1915, the attention of this department was called to the death of a child that appeared to have been due to certain fumigation done by a private person engaged in the business of fumigating or disinfecting. While this department was unable to obtain conclusive evidence that death had resulted from the cause stated, yet it was deemed best to recommend that the commissioners promulgate regulations for the control of fumigating and disinfecting by private persons, as a business. Such regulations appeared to be needed to

prevent injury to health, and possibly death, through ignorance or carelessness on the part of self-styled fumigators or disinfectors, and, furthermore, to prevent fraud upon the community liable to be perpetrated by the ineffectual attempts of such persons to destroy disease germs or insects. The regulations recommended were promulgated by the commissioners on April 2, 1915, and are printed on page 100.

Public crematorium.—During the fiscal year 1915, 560 bodies were cremated. Of these, 107 were adults, 194 infants, and 259 stillborn children. Of the adult bodies cremated, 21 were represented simply by remains turned over to the health department by the several medical schools in the District, to be disposed of.

The methods of supervision and operation of the public crematorium that were reported in the last annual report of this department were continued throughout the year. The cost of operation was, for personal services, \$1,199.75, and for fuel and incidentals, \$646.88, a total of \$1,846.63. Against this must be credited \$660 collected in fees for 26 private cremations. The net cost of operation to the District was, therefore, \$1,186.63.

The additional furnace provided for by the District appropriation act approved March 4, 1913, was completed during the year. The structure itself, the municipal architect reports, is badly in need of repairs, the cost of which he estimates as \$3,000.

Bacteriological laboratory.—During the fiscal year 1915, 8,175 examinations were made in the bacteriological laboratory. The nature and results of the work done are stated in detail on page 71 in the report of the bacteriologist.

In addition to the regular working force of the bacteriological laboratory, stated in the last preceding annual report of this department, one food inspector was detailed to duty there during the year for the purpose of enlarging the work of the health department with respect to the bacteriological control of food supplies. The salary of the skilled laborer detailed to the bacteriological laboratory was increased at the beginning of the year by the District appropriation act of July 21, 1914, from \$600 to \$720 a year. The organization of the laboratory force was therefore as follows: Bacteriologist, \$6 a day; assistant bacteriologist, \$1,200; food inspector, detailed to laboratory duties, \$1,000; skilled laborer, \$720.

The District appropriation act for the fiscal year 1915 provided \$2,000 for the purchase and installation of new apparatus and \$1,000 for the replacement of apparatus and supplies.

The cost of maintaining and operating the bacteriological laboratory during the fiscal year 1915 was as follows: For personal services, \$5,265; for maintenance, \$300; total, \$5,565; for new apparatus, \$1,999.71; for replacement of apparatus, \$1,000.

It is recommended that the working force and the equipment of the bacteriological laboratory be so enlarged as to enable the laboratory to undertake in appropriate cases the laboratory diagnosis of syphilis and gonorrhea, the propagation and distribution of antityphoid vaccine and diphtheria antitoxin, and field work in connection with the supervision of the milk supply.

Medical and dental inspection of schools.—During the school year 1914-15 medical inspectors made 7,731 visits to schools and 107 visits

to the homes of pupils. Inspections of pupils were made in 13,698 instances. Of these examinations, 9,531 were made to determine whether pupils in attendance at school should or should not be excluded, and as a result 941 exclusions were recommended. Examinations to determine whether absent pupils should or should not be readmitted were made in 4,167 cases, and all such pupils were readmitted. Thirty-two hundred and thirty-five pupils were examined to determine whether they had or had not been successfully vaccinated, with result that 512 were found not to have been so vaccinated.

Four hundred and forty-seven pupils were referred by the board of education to the health department for examination to determine whether they should or should not be assigned to atypical schools. One hundred and twenty-three pupils were recommended for such assignment, 287 were not, 19 were withdrawn from school before final examination could be made, and 18 cases were pending at the close of the year.

Candidates for admission to the normal schools were as usual referred to the health department for examination. Of the 171 candidates so referred 5 were found to have such physical defects as in the judgment of the health department disqualified them for service as teachers, and the board of education was so notified.

The work of the dental inspectors covered 33 schools, and 9,784 pupils were examined. Teeth which in the judgment of the inspectors needed filling numbered 25,940 and teeth that should be extracted numbered 10,332. In determining the importance to be attached to these figures it must be borne in mind that the total number of teeth examined was approximately 200,000. Further details as to the results of such examinations appear in the table printed in the report of the chief medical inspector, on page 44.

The effectiveness of the work of the medical and dental inspectors of schools was very much augmented during the year by the appointment of five school nurses. As the District appropriation act for the fiscal year 1915 was not passed until July 21, 1914, the time consumed in the selection of these nurses through civil-service examination prevented their appointment at the beginning of the school year. They entered upon the discharge of their duties on January 11, 1915. It was deemed unwise to formulate rules for these nurses at the very outset of their work, but under the guidance of the health officer and the chief medical inspector, and in cooperation with the officers of the public schools, an effort was made to adjust their activities to the routine of the school system, while confining them to strictly hygienic and social work. Rules, it was thought, could best be formulated after experience had shown where they were needed. The result has been that at the close of the year these nurses were still working under no set regulations, the formulating of these having been deferred until the summer vacation.

From January 11, 1915, up to the close of the school year in June, 1915, these five nurses made 1,409 visits to schools, 2,314 visits to the homes of pupils, and 752 to hospitals and dispensaries; in all, 4,475. Aside from what might be termed strictly routine work, they handled the cases of 1,148 individual pupils needing special care and treatment. In 727 cases through their activity proper action was

obtained, and in only 43 cases was treatment definitely refused. Three hundred and seventy-eight cases were pending at the close of the year.

In view of the urgent need for additional nurses for the prevention of infant mortality during the summer months, an effort was made to arrange with the board of education for the employment of the school nurses for such work, except during so much of the summer vacation as might be allotted to them for leave. The effort was not successful, and it is understood that the board of education assigned them to duty at playgrounds forming a part of the public school system.

There was no change in the number of medical and dental inspectors of schools during the past year, but the working force and the cost of the service were increased by the appointment of five school nurses at \$900 a year each. The cost of personal services for the medical and dental inspection of schools was, therefore, \$11,000. The amount expended for incidentals could not be learned from the board of education when this report was written. The increase in the number of employees in this service emphasizes the recommendations heretofore made that a supervising officer be provided and that a clerk be appointed to care for the records and to assist the supervising officer.

The terms of medical inspectors of schools, including dental inspectors, was, by order of the commissioners dated August 4, 1914, limited to five years. This order is printed on page 97.

Enforcement of the child-labor law.—During the fiscal year 1915 the health department examined 524 children at the request of the superintendent of schools, to determine whether he might or might not properly issue to them permits authorizing them to go to work. In all but four cases it was reported that in so far as the physical condition of the applicants was concerned such permits might be issued. The remaining four applicants were found to be physically disqualified.

FOOD-INSPECTION SERVICE.

By the District appropriation act for the fiscal year 1915 the organization of the food-inspection service was changed by increasing the salary of the chemist from \$1,800 to \$2,000 a year and by providing a skilled laborer at \$600 for assignment to the chemical laboratory. The organization of the food-inspection service, including the chemical laboratory, during the year 1915, and its approximate cost, were therefore as follows: Chief food inspector, \$1,600; 5 food inspectors, at \$1,200 each; 6, at \$1,000 each; 5, at \$900 each; chemist, \$2,000; assistant chemist, \$1,200; skilled laborer, \$600; total for services, \$21,900. Traveling expenses, \$3,004. Incidentals, \$846.31. Total cost of food-inspection service, \$25,750.31.

The assistant bacteriologist, who is engaged largely in the examination of foods, is carried in the expense account of the department as an employee in the bacteriological laboratory. One of the food inspectors, at \$1,000 a year, included in the group enumerated above, is assigned to the bacteriological laboratory to assist in the examination of foodstuffs.

By the District appropriation act approved March 3, 1915, certain special appropriations, amounting to \$3,335, were made for the pur-

chase of apparatus for the chemical laboratory during the coming fiscal year, which will greatly increase its efficiency.

Inspection of perishable foodstuffs.—The following table shows the number and kinds of establishments where foodstuffs were sold, in business in the District of Columbia during the fiscal year 1915, certain data relative thereto, and comparative figures for the preceding year:

Food producing and vending establishments in the District of Columbia, number and kind of, on register during fiscal years 1914 and 1915, with data relative thereto.

	Registered at beginning of year.	Registered during year.	Abandoned or duplicated during year.	Registered at close of year.	Inspections.		
					Total.	Average per annum per place.	Inspections per inspector per day worked.
Total:							
1914.....	4,516	1,008	431	5,093	42,905	8.41	37.90
1915.....	5,093	731	354	5,470	44,383	8.12	39.30
Commission houses:							
1914.....	72	4	1	75	15,217	205.63	16.57
1915.....	75	1	4	72	19,152	266.00	16.94
Groceries:							
1914.....	1,916	491	95	2,312	10,599	5.01	8.66
1915.....	2,312	444	199	2,557	8,277	3.24	7.32
Markets:							
1914.....	10			10	2,218	221.80	2.42
1915.....	10			10	2,719	271.90	2.41
Hucksters:							
1914.....	670	4	4	670	5,809	8.65	4.74
1915.....	670	9		679	4,459	6.57	3.94
Bakeries:							
1914.....	71	29	11	89	272	3.40	.22
1915.....	89	8	6	91	128	1.41	.11
Confectioneries:							
1914.....	319	97	27	389	1,148	3.25	.93
1915.....	389	92	23	458	569	1.24	.50
Restaurants and lunch rooms:							
1914.....	672	232	266	738	4,454	6.32	3.64
1915.....	738	174	101	811	3,580	4.41	3.16
Miscellaneous:							
1914.....	786	51	27	810	3,088	3.87	2.52
1915.....	810	3	21	792	5,499	6.94	4.86

To the inspection of commission houses, groceries, markets, and hucksters' wagons, where perishable uncooked foodstuffs are sold, numbering in all at the close of the year 3,308 establishments, there were assigned five inspectors, whose salaries aggregated \$6,000 a year. It is impossible for the department to segregate the incidental cost of this branch of the food-inspection service from the cost of the food-inspection service generally.

It is at such establishments as are named in the preceding paragraph that perishable foodstuffs are commonly condemned. A statement of the amount and character of foodstuffs thus condemned is printed in tables on pages 83 and 84. These tables differ from those heretofore published in that they show separately the condemnations made at the request of the owner or custodian of the food condemned and the condemnations made on the initiative of the food inspector. Roughly speaking, it may be said that approximately two-thirds of the food condemned is condemned by the food inspector on request. In undertaking to draw any inference from this statement, however, it must be

borne in mind that condemnations made on request commonly involve larger quantities than do condemnations made on the initiative of the inspector, since the former are usually made at the request of a commission merchant who has in his custody perishable foodstuffs consigned to him for sale and who desires a certificate from the health department as to the unsalable character of such foodstuffs in order that he may properly account to the consignor.

To the inspection of restaurants, lunch rooms, bakeries, confectioneries, and like places, 2,152 in all, there was assigned during the year one inspector at a salary of \$900. The incidental cost of this special branch of the food-inspection service can not be segregated from the incidental cost of the food-inspection service generally. Recommendations heretofore made by the health officer for the promulgation of regulations designed to procure greater cleanliness of cups, spoons, and other utensils used at such establishments are renewed.

Inspection of slaughterhouses.—Four new slaughterhouses were established in the District during the year, making 21 in all. Of these establishments, 253 inspections were made, an average of 12 inspections each. The average frequency of inspection last year was 21.24. The diminished frequency of inspection was due to the necessary withdrawal of veterinary inspectors from the inspection of slaughterhouses, for service in connection with the nation-wide outbreak of foot-and-mouth disease. The slaughterhouses doing an interstate business, 4 in number, are under the supervision of the United States Department of Agriculture, and are only occasionally visited by inspectors from this department. For condemnations as the result of the inspection of slaughterhouses by the health department, see page 57.

The inspection of slaughterhouses was continued during the year on the basis stated in the last preceding annual report of the health department.

CONTROL OF THE MILK SUPPLY.

Supervision of dairy farms.—The number and distribution of dairy farms on which milk and cream were produced for sale in the District of Columbia during the fiscal year 1915, with certain data pertaining thereto, and corresponding figures for the preceding year, are stated in the table following.

Dairy farms on which milk and cream were produced for sale in the District of Columbia during the fiscal year 1915, number and distribution of, with certain data pertaining thereto, and corresponding figures for the preceding year.

	Dairy farms registered.			Cattle.			Tuberculin tested.				
	Begin- ning of year.	During year.		Close of year.	Begin- ning of year.	Dur- ing year.	Close of year.	Total.	Passed.	Re- acted.	Suspi- cious.
		Regis- tered.	Can- celed.								
Total:											
1914.	1, 173	272	217	1,236	18,294	874	19,168	14,479	4,180	276	23
1915.	1,236	334	409	1,161	19,168	797	18,400	10,069	9,145	852	72
District of Co- lumbia:											
1914.	47	6	7	46	613	66	547	987	973	13	1
1915.	46	5	18	33	547	39	508	36	35	1	.....
Maryland:											
1914.	696	194	144	746	10,528	518	11,047	2,236	2,057	167	12
1915.	746	211	236	721	11,047	2,299	8,748	5,890	5,344	504	32
Virginia:											
1914.	387	70	64	393	6,329	500	6,829	1,121	1,115	96	10
1915.	393	92	105	380	6,829	1,236	8,065	3,760	3,372	338	40
Pennsylvania:											
1914.	26	.....	.....	26	144	.....	144	.....	.....	.....	.....
1915.	26	3	23	6	144	96	240	216	211	5	.....
New York:											
1914.	20	.....	.....	20	625	95	530	.....	.....	.....	.....
1915.	20	.....	4	16	530	160	690	.....	.....	.....	.....
Ohio:											
1914.	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
1915. ....	.....	17	17	.....	.....	.....	.....	140	137	3	.....
West Virginia:											
1914.	4	2	1	5	55	17	72	35	35	.....	.....
1915.	5	6	6	5	72	77	149	47	46	1	.....

INSPECTIONS.

	Inspe- ctions of farms.	Average frequency of inspec- tions of each farm during year.	Average number of farms in- spected per inspector per day worked.	Inspe- ctions of cattle.	Average frequency of inspec- tions of each animal.
Total:					
1914.....	3,743	3.12	2.27	69,209	3.74
1915.....	4,074	3.51	2.43	71,667	3.89
District of Columbia:					
1914.....	512	11.13	.28	5,995	10.34
1915.....	372	11.27	.22	5,177	10.19
Maryland:					
1914.....	1,931	2.77	1.05	37,637	3.57
1915.....	2,254	3.13	1.35	36,237	4.14
Virginia:					
1914.....	1,274	3.29	.69	24,981	3.59
1915.....	1,409	3.71	.84	28,974	3.59
Pennsylvania:					
1915.....	2	.33	.001	240	1.00
New York:					
1914.....	20	1.00	.01	530	1.00
1915.....	20	1.25	.01	690	1.00
Ohio:					
1914.....	1	1.00	.0005	.....	.....
1915.....	17	1.00	.01	120	1.00
West Virginia:					
1914.....	5	1.00	.003	68	1.00
1915.....	10	2.00	.006	229	2.00

There were approximately 20,000 cattle on the dairy farms supplying milk to the District of Columbia during the fiscal year 1915. Of these, according to the records of the health department, 10,069 were officially tuberculin tested during the year, and it is known that additional herds were tested by the United States Department of Agriculture that do not appear in this number. The increased acceptance of tuberculin testing by dairy farmers supplying milk to this District is gratifying, and the time is probably not far distant when all cows producing such milk will be regularly tuberculin tested every year. Of the cattle tested last year, 10,069 in all, 9,145 passed, 852 reacted, and 72 were reported as suspicious.

Milk was collected from 8 herds for inoculation tests, to determine whether living tubercle bacilli were or were not present in it. The tests pertaining to 2 herds were not completed at the end of the year. In 4 cases the tests were for various reasons discontinued before final results were obtained. Tubercle bacilli were demonstrated in the milk from the remaining 2 herds. The application of the tuberculin test to one of the herds from which the infected milk came showed 24 tuberculous animals out of a total herd of 30. In the other case the herd consisted of 22 cattle and 4 reactors were found.

The year was marked by increased activity on the part of the dairy-farm inspectors in the service of notices requiring the correction of insanitary conditions. Seven hundred and twenty-two such notices were served, as compared with 268 served during the preceding year. Arrangements were made, too, whereby objectionable conditions of relatively slight importance should not be made the subjects of formal notices, but should be taken cognizance of by the inspectors orally, that fact to be noted on the score card.

The occurrence of foot-and-mouth disease in the District gave impetus to the pasteurization of milk, and at the close of the year approximately 85 per cent of the entire milk supply of the District was being regularly pasteurized. In the absence, however, of regulations defining pasteurization, specifying the conditions under which it shall be performed, and providing particularly for its supervision and control by the health officer, much of the effort devoted by milk dealers to attempts at pasteurization is unsuccessful, their efforts and money are wasted, and the public is deceived into believing that milk labeled pasteurized has as a matter of fact been through a proper pasteurizing process, whereas such is not the case.

The occurrence of foot-and-mouth disease and a recommendation to the public by the health officer that no milk be consumed during the presence of that disease except such as had been efficiently pasteurized served to bring out strenuous opposition on the part of a considerable number of milk dealers to the publication of information that would serve to inform their customers as to the character of the milk they were selling. A statement by the health officer that he was planning to publish the results of the bacteriological examinations of all pasteurized milk during the three months immediately preceding brought forth such a protest from some of the persons engaged in the sale of so-called pasteurized milk as to prevent such publication.

The organization of the dairy-farm service during the fiscal year 1915 has not differed materially from that reported for the preceding

year. The total cost for personal services was \$6,400, and the cost of traveling expenses was \$3,004. The cost of incidental expenses can not be separated from the cost of such expenses generally for the food-inspection service. The total cost of the inspection of dairy farms, exclusive of supervision and of incidentals, was therefore \$9,404.

Supervision of dairies or milk shops.—The following table shows the number and distribution of dairies in the District of Columbia during the fiscal year 1915, with certain data pertaining thereto, and comparative figures for the preceding year:

Dairies in and for the District of Columbia, during the fiscal year 1915, number and distribution of, with certain data pertaining thereto and corresponding figures for the previous year.

	Li- censed at the begin- ning of year.	Applica- tions re- ceived during year.	Permits issued during year.	Permits surren- dered during year.	Applica- tions re- jected or with- drawn during year.	Li- censed at close of year.	Inspection of dairies during year.	Average number of inspec- tions of each dai- ry during year.	Average number of dairies inspected per in- spector per day worked.
Total:									
1914.....	53	7	10	8	1	51	508	9.59	4.98
1915.....	51	6	2	10	1	46	662	14.39	3.23
District of Colum- bia:									
1914.....	50	7	10	8	1	48	475	9.13	2.10
1915.....	46	5	2	8	1	44	659	14.02	3.23
Maryland:									
1914.....	1					1	11	11.00	
1915.....	1	1		1		1	2	2.00	
Virginia:									
1914.....	2					2	23	11.26	
1915.....	2			1		1	1	1.00	

This work represents practically four-fifths of the time of one inspector, who receives \$1,000 a year. Incidental expenses can not be segregated from the incidental expenses of the food-inspection service generally.

Chemical and bacteriological control of the milk supply.—The table printed below shows the number of chemical examinations of milk and cream during the fiscal year 1915 and the results of such examinations.

Milk and cream in the District of Columbia, chemical examinations of, during the fiscal year 1915, with corresponding figures for the previous years.

Fiscal years.	Milk (7,385 samples) in 1915 con- taining—			Cream (821 samples) in 1915 containing—	
	Less than 3.5 per cent fat.	3 per cent fat and less.	Added water.	Less than 20 per cent fat.	18 per cent fat and less.
	Per cent. ¹	Per cent. ¹	Per cent. ¹	Per cent. ¹	Per cent. ¹
1911.....	7.74	1.90	1.74	66.42	23.76
1912.....	3.44	1.19	1.20	70.07	20.92
1913.....	4.89	.45	.63	64.92	12.54
1914.....	4.69	.44	.97	48.27	17.91
1915.....	7.71	3.03	.76	57.73	17.16

¹ Per cent on basis of all samples of milk or of cream, respectively, examined.

During the fiscal year 1915, 1,671 specimens of milk and cream were examined bacteriologically. The following table is an analysis of the results:

Milk and cream in the District of Columbia, bacteriological examinations of 1,671 samples of, during the fiscal year 1915.

NUMBER OF SPECIMENS.

	Bacteria per cubic centimeter.				Colon group.	
	Under 10,000.	10,000 to 100,000.	100,000 to 1,000,000.	1,000,000 and over.	Present.	Absent.
I. Raw milk:						
A. From containers arriving by trolley car or train.....	5	36	46	16	36	67
B. From containers as distributed to consumers.....	75	385	352	299	447	664
II. Heated milk sold as pasteurized:						
A. From containers arriving by trolley car or train.....		2				2
B. From containers as distributed to consumers.....	127	175	78	60	141	299

PERCENTAGE OF SPECIMENS.

I. Raw milk:						
A. From containers arriving by trolley car or train.....	4.85	34.95	44.66	15.53	34.95	65.05
B. From containers as distributed to consumers.....	6.75	34.65	31.68	26.91	40.23	59.77
II. Heated milk sold as pasteurized:						
A. From containers arriving by trolley car or train.....		100.00				100.00
B. From containers as distributed to consumers.....	28.86	39.77	17.73	13.64	32.04	67.95

One hundred and eight specimens of milk from eight herds were tested by inoculation to determine the presence or absence of living virulent tubercle bacilli. Such infection was found in two cases.

Counsel for interested dealers in milk have resorted to all available legal procedures to prevent any case coming to trial based upon bacteriological examination. Up to the present time they have been entirely successful. The health department is for the present effectually prevented from proceeding with any prosecution in the police court. Certain vendors of milk have been indicted, but as their cases must be tried in the supreme court of the District it is uncertain, in view of the generally crowded condition of the docket of that court, when any such case will be determined. One hundred and eleven cases were, however, during the year referred to the United States district attorney for action.

The grading of milk.—The grades of the milk sold by each milk dealer in this District during the fiscal year 1915, computed according to the method reported by this department in its annual report for the fiscal year 1913, appear on page 96.

Legislation with respect to the milk supply.—By a paragraph in the District appropriation act for the fiscal year 1916, approved March 3, 1915, Congress enacted as follows:

The examinations, inspection, rules and regulations concerning the milk supply of the District of Columbia shall be applied alike to each State shipping milk into said District.

This is merely confirmatory of the practice that was established by the health department when the present milk law was enacted on March 2, 1895, and which has not been departed from at any time since.

There is urgent need for the amendment of the laws governing the production and sale of milk in and for the District of Columbia, and it is hoped that the bill that has been submitted to each new Congress during a number of years past will be again submitted and will be favorably acted upon. Legislation for the control of pasteurization is needed, as is also legislation to regulate the temperature at which milk shall be held and offered for sale. It is hoped that the recommendations of the health officer, providing for the sterilization of milk utensils, will be favorably acted upon by the commissioners. Like action is hoped upon the recommendation of the health officer for the better control of milk bottles. Such bottles are now put to all kinds of uses, rendering cleaning more difficult, with consequent injustice to the milk dealer and danger to the public.

Chemical control of foods other than milk and cream.—Of foods other than milk and cream there were examined in the chemical laboratory during the fiscal year 1915, 598 samples. Of these samples 40 were adulterated, but it was found expedient to recommend prosecutions in only 21 cases. These prosecutions resulted in 4 fines, amounting to \$35, and at the close of the year 17 cases were pending.

Chemical control of drugs.—Of drugs other than those examined for the police department there were analyzed 249 samples. Of these 46 were adulterated. Prosecution was recommended in 16 cases, with the result that fines were imposed in all, amounting to \$155. More time has been given this year to the examination of drugs, and the result fully justifies it.

Communicable diseases of animals.—While communicable diseases of animals are related only in part to the food supply of the District, yet, because of such relation and for administrative reasons, all work of the department that pertains to such diseases is assigned to the food-inspection service. Ordinarily, this work is inconsiderable, consisting of semiweekly inspections of the horse market, in search for glanders, visits to the pound and the homes of dog owners in connection with the suppression of rabies, and the occasional management of cases of hog cholera. During the latter part of the calendar year 1914 and the early part of the following year, however, a very considerable additional burden was placed upon the food-inspection service with respect to this matter through the widespread epidemic of foot-and-mouth disease throughout the country. The disease appeared on three farms and at the Benning abattoir, but through the prompt action of this department and the cooperation of the United States Department of Agriculture its spread was prevented. Regulations promulgated by the commissioners for the prevention of the spread of foot-and-mouth disease in the District of Columbia appear on page 97. A detailed report of the operations of this department with respect to the matter, by Dr. J. P. Turner, one of the veterinary inspectors of this department, who was assigned to look after the work, appears on page 74.

Inspection of flour.—Previous recommendations of the health officer are renewed for the repeal of the act entitled "An act relating to the inspection of flour in the District of Columbia," approved

December 21, 1898 (30 Stat., 765). At no time during the past year or for several years past has action been invoked under this statute, and it seems to be merely a useless encumbrance upon the statute books.

THE SANITARY-INSPECTION SERVICE.

The organization of the sanitary-inspection service described in the last annual report of this department continued during the fiscal year 1915. The cost of the sanitary-inspection service, including the cost of enforcing the smoke law, but not including the cost of enforcing the eight-hour law for females, was as follows: For personal services, \$15,200; for transportation, \$294; for incidentals, \$642; total, \$16,136.

General nuisance inspection.—During the fiscal year 1915, sanitary inspectors made 76,032 visits, as compared with 80,426 during the preceding year. This diminution was due to the necessary detail of certain sanitary inspectors to office duty for considerable periods during the year. Complaints were acted upon numbering 6,919 and requiring 13,272 initial visits. Primary inspections made by sanitary inspectors on their own initiative numbered 19,545. All of these, together with reinspections, 23,667, and official calls for purposes incident to the sanitary inspection work, 19,548, make up the grand total of visits stated above.

Violations of existing laws and regulations for the prevention and abatement of nuisances were reported in 12,057 instances, and as a result of action by the health department the unlawful conditions were corrected prior to the close of the fiscal year in 11,628 cases. The remaining cases, 429, represent the instances in which notices were outstanding at the close of the year.

For violations of the laws and regulations for the prevention and abatement of nuisances, exclusive of the smoke law, 180 informations were filed in the police court by the corporation counsel, and disposed of as follows: "Nolle prosequi" entered, 129 cases; dismissed, 8; "personal bonds" taken, 13; collaterals forfeited, 6; and fines imposed, 3. The fines collected and collaterals forfeited amounted in all to \$49. At the close of the year there were 21 cases still pending. It is, of course, bordering on the absurd to institute prosecutions against 180 persons for the continued maintenance of unlawful conditions after proper notice to correct them and then to "nol. pros." 129 cases and to take "personal bonds" in 13 cases, simply because the notices served were complied with after prosecutions were begun; but the health department seems to be powerless to help itself in the matter. Attention is invited to the comment made by the health officer upon this practice in the preceding annual reports of the health department.

Under the assessment system, 269 notices were served for the abatement of unlawful conditions for which owners of property were liable, the owners being, however, beyond the reach of criminal process. In all but 7 cases the unlawful conditions were abated by the owners without necessity for further action by the commissioners. In 6 of these cases the unlawful conditions were corrected under direction of the commissioners at a total cost of \$20, which was assessed as taxes against the property. One case is now pending.

Registration of stables, barber shops, laundries, and privies.—The following table shows the number of stables, barber shops, laundries, and privies registered at the beginning of the fiscal year 1915, and the number registered at the end of the year.

Stables, barber shops, laundries, and privies registered during the fiscal years 1914 and 1915.

	Stables.	Barber shops.	Laundries.	Privies.
Registered at beginning of year.....	1,365	558	3,646	12,360
Registered during the year.....	171	151	141	150
Abandoned during the year.....		86	-----	96
On the register at close of year.....	2,036	623	3,787	2,414

¹ During the year a review was made of the register of box privies existing in the District, and it was found that 34 more privies existed at the close of the fiscal year ended June 30, 1914, than had been reported.

The law requiring the contents of privies to be removed by a pneumatic process, which was originally incorporated in one of the ordinances of the late board of health of the District, September 16, 1873, and which has been in force ever since, was repealed by a clause embodied in the District appropriation act for the fiscal year 1916, approved March 3, 1915, which reads as follows: "*Provided, That hereafter night soil may be collected and disposed of by any process satisfactory to the commissioners.*"

A discussion of the details of the work of the health department with respect to stables, barber shops, laundries, and privies appears in the report of the chief sanitary inspector.

Smoke inspection.—Observations numbering 8,485 were made to determine whether the smoke law was or was not being violated. Eleven hundred and thirty-eight violations were discovered, and in accordance with the practice of the department detailed in previous reports 68 cases were referred to corporation counsel for prosecution. Collaterals were forfeited or fines collected in 52 cases, amounting in all to \$535. Personal bonds were taken in 15 cases, and in 2 cases "nolle prosequi" was entered. Two cases were pending at the close of the year. The renewal of the practice of taking "personal bonds" in cases in which the smoke law is violated is viewed with misgivings. The records of this department show that not until the court was compelled by a thoroughly aroused public sentiment to impose heavy penalties upon violators of this law did the law become effective for the prevention of the smoke nuisance. If penalties be waived altogether, as is done when "personal bonds" are taken, the effectiveness of the law will be very materially diminished.

Enforcement of the weed law.—As set forth in previous reports of the health officer, it is impossible to enforce anything like substantial compliance with the weed law, because of the absence of any special appropriation for that purpose. The weed law may be said to be a summer law, and the health department must be provided with a summer force if the summer law is to be made effective. During the fiscal year 1915, 406 notices were served under this law, of which 56 were notices under the assessment system. The large proportion of notices served under the assessment system is due to the fact that the enforcement of this law is ordinarily called for in connection with

unimproved property, where there is no occupant to be held liable and where the owner is frequently a nonresident.

Special duties of the sanitary inspection force.—A statement of the extent to which the time of the sanitary inspection force has been encroached upon by duties pertaining directly to the contagious-disease service and to the registration of births, and by assignments to office duty, are set forth in the report of the chief sanitary inspector.

EIGHT-HOUR LAW FOR FEMALES.

The organization of the force provided for the execution of the provisions of the eight-hour law for females, approved February 24, 1914, remains the same as during the preceding fiscal year, stated in the last annual report of the health officer.

An effort has been made to register all places within the purview of the law, in which females are employed. The places now appearing on the register number 1,605, and are classified as follows: Hotels 55, laundries 136, manufacturing establishments 244, mechanical establishments 131, mercantile establishments 851, restaurants 141, telephone and telegraph offices 9, express and transportation companies 38.

Complaints alleging violations of the eight-hour law for females numbered 273, and resulted in 281 inspections. Inspections on the initiative of inspectors numbered 6,208, and official calls numbered 2,615. While there has been manifested a general willingness to comply with this law, prosecutions have been necessary in some cases, and an effort was made to prevent altogether the enforcement of the law, through an injunction for that purpose. Pending action on the application for an injunction, no criminal prosecutions were brought. The application was dismissed April 19, 1915, an appeal being noted. Since that time, eight of the cases referred by the health officer to the corporation counsel for prosecution have been filed in the police court. One of these cases was tried by jury, and resulted in a conviction and the imposition of a fine of \$60. An appeal was noted by the defendant, and the case is now before the court of appeals. A second case tried in the police court resulted in a conviction and a fine of \$20. The remaining six cases are pending at the close of the year.

Further details as to the work of the sanitary inspection service appear in the report of the chief sanitary inspector, in the appendix.

THE POUND SERVICE.

The total number of animals that passed through the pound during the fiscal year 1915 was 7,648. Of these, 3,210 were dogs, 4,430 cats, and 8 horses. Of the dogs, 1,733 were captured while running at large in violation of law, and the remainder were surrendered for quarantine or for destruction, by their owners or by persons having them in custody. Of the dogs captured while unlawfully running at large, 216 were tagged but not muzzled, 4 muzzled but not tagged, and 1,513 neither muzzled nor tagged. Impounded dogs were disposed of as follows: Killed, 2,668; redeemed, 394; sold, 130; and returned to owners without fee, 26.

Of the cats entering the pound, 231 were caught in traps lent by the health department to suffering citizens for that purpose, and the remainder were surrendered by persons having them in custody. All were killed.

The total number of animals of all kinds surrendered by their owners or custodians was 5,684, and for their collection 4,874 trips to various parts of the District were necessary. The amount of work incident to the collection of these surrendered animals will be better appreciated if it is borne in mind that such trips must be made to a greater or less degree at the convenience of the citizens, and that frequently long trips are necessary for the collection of but a single animal.

As the result of the continued prevalence of rabies in the District, the commissioners on August 5, 1914, extended the period for the muzzling of dogs to August 9, 1915.

The poundmaster collected during the fiscal year 1915, as fees, \$795, and as the proceeds of the sales of impounded animals, \$202.50, or a total of \$997.50. He collected \$5 as reimbursement for the cost of food supplied impounded animals. As a result to no inconsiderable extent of the activities of the poundmaster, the collector of taxes during the year collected as a dog tax \$15,901.56.

The organization of the pound service remained during the fiscal year 1915 the same as during the previous year. The cost of the service during the year was, for personal services, \$3,200, and for incidentals, \$1,264; total, \$4,464. If there be deducted from this the money collected by the poundmaster as fees and the proceeds of sales, the net cost of the pound service during the year was \$3,466.50.

Previous recommendations that provision be made for the appointment of an assistant poundmaster and for such an increase in the laboring force as will permit the pound to be properly guarded at night are renewed.

CLERICAL SERVICE.

Correspondence and files.—There were received by the health department during the fiscal year 1915, 10,324 letters and 3,604 oral complaints. Letters sent out by the department numbered 12,060. Special reports filed by employees numbered 1,435.

The organization of the clerical force for the execution of the work incident to the proper maintenance of the correspondence and files remained as during the preceding year. The total cost of the service during the year was, for personal services, \$9,720; for transportation, \$17; and for incidentals, \$1,945; total, \$11,682.

Registration of vital statistics.—During the fiscal year 1915 there were recorded 6,118 death certificates of persons who died within the District of Columbia, and 566 of persons who died elsewhere and whose bodies were brought into the District of Columbia for disposal. Seven thousand one hundred and eighteen birth certificates were recorded, and 420 stillbirths. Three hundred and twenty-four disinterment permits were issued. For every death certificate and stillbirth certificate recorded, a burial permit was issued.

One thousand and twenty-four transcripts were issued from the records of the health department, for which fees amounting to \$450.50 were collected. The following statement shows transcripts issued during the year.

Transcripts from the records of births, stillbirths, deaths, and marriages issued during the fiscal year 1915.

Issued without fee.	Deaths.	Births.	Marriages.	Total.
Commissioner of Pensions.....	94	9		103
Board of children's guardians.....		1		1
Police department.....	8	1		9
Adjutant General U. S. Army.....	1			1
Juvenile court.....	3	1		4
United States marshal.....	1	2		3
United States district attorney.....		2		2
Municipal court.....		1		1
National Training School for Girls.....		1		1
Issued without fee.....	107	16		123
Issued with fee.....	742	154	5	901
Total.....	849	170	5	1,024
Received from transcripts.....				\$450.50

The cost of the registration of deaths, births, and stillbirths; of the issue of such permits as were required for the proper disposal of the remains in the cases of deaths and stillbirths; of the issue of transcripts from the records; and of the compilation of such statistics as have been based upon these records, was as follows: For personal services, \$4,400, and for incidentals, \$735; total, \$5,135. If from this there be deducted the fees collected on account of the issue of transcripts, \$450.50, the net cost of the service was \$4,684.50.

Registration of physicians, dentists, undertakers, and midwives.—The following statement shows the number of physicians, dentists, undertakers, and midwives registered during the year:

Physicians, midwives, dentists, and undertakers registered during the fiscal year 1915.

	On register June 30, 1914.	Registered during the year.	Known deaths dur- ing year.	On register June 30, 1915.
Physicians.....	1,774	159	14	1,819
Undertakers.....	236	9	3	242
Midwives.....	98	1	6	93
Dentists.....	812	16		828

¹ Licenses registered: 42, series C; 5, series B; 6, Navy; 6, Army.

² Five died, and 1 discontinued practice by agreement with the police court.

Private hospitals and asylums.—Three private hospitals, all for human beings, were licensed during the fiscal year 1915. One previously licensed discontinued business. There were, therefore, 15 hospitals and 12 asylums for human beings, and 10 hospitals and 1 asylum for animals, in all 38, being operated under licenses at the close of the fiscal year.

LEGISLATION.

The following laws, regulations, and general orders of the commissioners, pertaining to the work of the health department, were enacted or promulgated during the fiscal year 1915:

A proviso in the District appropriation act approved March 3, 1915, removing certain restrictions upon the collection and disposal of night soil.

A paragraph in the District appropriation act, approved March 3, 1915, confirming the practice of the health department with respect to the maintenance of uniformity as among the several States, with respect to the enforcement of the rules and regulations concerning the milk supply of the District of Columbia.

An order of the commissioners, passed August 4, 1914, limiting the terms of medical and dental inspectors of schools to five years, and providing that no medical inspector now in the service shall be dropped on account of duration of service alone prior to August 31, 1915, and that any inspector may be reappointed for such period as the commissioners may determine if at the expiration of five years' service such inspector specially merits reappointment.

A proclamation of the commissioners, dated August 5, 1914, requiring all dogs in the District of Columbia to be muzzled while running at large, for one year from August 9, 1914.

Regulations, promulgated by the commissioners November 13, 1914, for the prevention of foot-and-mouth disease.

Regulations, promulgated by the commissioners April 2, 1915, for the control of the business of disinfecting or fumigating in the District of Columbia.

The laws, regulations, and order named above are printed in the appendix.

PERSONNEL.

The general service and interest of the officers and employees in the service of the health department has during the year been admirable. It is greatly to be regretted that no more substantial inducements to faithful service can be held out to these officers and employees than this annual recognition of their services.

Respectfully,

WM. C. WOODWARD, M. D.,
Health Officer.

THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

APPENDIXES
TO THE
REPORT OF THE HEALTH OFFICER
OF THE
DISTRICT OF COLUMBIA.

The publication of these reports as appendixes to the report of the health officer is not to be construed to mean that the opinions and recommendations set forth in them have been adopted by the health department.

APPENDIX A.

REPORT OF CHIEF MEDICAL INSPECTOR.

AUGUST 9, 1915.

DR. WILLIAM C. WOODWARD,
Health Officer, District of Columbia.

DEAR SIR: I have the honor to submit the following report for the fiscal year ended June 30, 1915, of work done in the contagious-disease service, disinfecting service, the public crematorium, and the medical and dental inspection of public schools. The figures relating to administrative matters cover the fiscal year named. Those relating to morbidity and mortality cover primarily the calendar year 1914, but these are supplemented by figures covering the first half of the calendar year 1915.

COMMUNICABLE DISEASES.

For figures showing the prevalence and fatality of each of the reportable diseases, see page 45. There was a decrease in the number of reported cases of diphtheria, scarlet fever, measles, chickenpox, typhoid fever, and tuberculosis, and an increase of whooping cough, smallpox, epidemic cerebrospinal meningitis, anterior poliomyelitis and pellagra.

Diphtheria.—During the calendar year 1914, 452 cases of diphtheria were reported with 31 deaths, as against 530 cases and 25 deaths for the preceding year. Six institutional outbreaks of diphtheria occurred as follows:

Institution.	Begin- ning of outbreak.	Cases.	Deaths.
Children's Hospital.....	Jan. 25	20	.....
Freedmen's Hospital.....	Feb. 14	13	1
Foundling Hospital.....	Feb. 19	8	.....
St. John's Orphanage.....	Nov. 1	4	.....
Children's Hospital.....	Nov. 5	3	2

As has been the case in previous outbreaks, many of the cases reported were "carrier" cases, discovered only when cultures were taken from the throats of exposed persons, after the discovery of clinical cases. The first outbreak occurred in January in Children's Hospital, resulting in the report of 20 cases, with no deaths. In February, 13 cases, with 1 death, occurred in Freedmen's Hospital. During the same month 8 cases were reported from the Foundling Hospital, and in November 4 cases occurred in St. John's Orphanage. In November, 3 cases again occurred in Children's Hospital, two of which resulted fatally.

I again renew my recommendation of the past two years that the regulations now in force be amended so as to require persons residing

in homes where diphtheria exists to have a culture taken from their throats as soon as practicable after the case is discovered. I recommend, further, that the regulations be further amended so as to provide that the last cultures taken from throats of persons suffering from diphtheria, with a view to releasing them from quarantine, shall be taken by a medical inspector of the health department. In my report of last year I expressed the belief that the health department should arrange for the free distribution of diphtheria antitoxin, regardless of whether the patient is or is not financially able to purchase it. I recommend that an effort be made to obtain an appropriation for this purpose. It is believed this antitoxin can be prepared in the bacteriological laboratory at an estimated cost of \$750 for the fiscal year 1917.

From January 1 to June 30, 1915, 141 cases of diphtheria were reported, with 6 deaths, as against 235 cases and 13 deaths during the corresponding period of the previous year. The percentage of fatal cases during this period fell from 5.5 in 1914 to 4.3 in 1915.

During the calendar year 1914, 4,525 cultures were submitted to the health department for examination to determine the presence or absence of diphtheria bacilli. Of these, 2,953 were primary cultures, and of this number 376, or 12.7 per cent, were found to be positive.

Scarlet fever.—The number of cases of scarlet fever reported from January 1 to December 31, 1914, was 311. When compared with the previous year, this shows a reduction of 245 in the number of cases reported. There was, however, an increase during the first six months of 1915, when there were 604 cases, with 8 deaths, as against 196 cases, and 1 death, for the corresponding period of the preceding year. This outbreak commenced in November, 1914, and has not at the writing of this report (July 1, 1915) entirely abated.

Typhoid fever.—During the calendar year 1914, 340 cases with 44 deaths were reported as against 461 cases and 53 deaths in the preceding year, a reduction of 121 cases and 9 deaths. Improvement in the typhoid situation still continues. That the public is much better informed as to typhoid fever, its causes and prevention, there can be no doubt; and to this fact I attribute in a large measure the continued reduction in the prevalence of this disease. In addition to this, many persons during the past two or three years have been inoculated with antityphoid vaccine.

I wish to again recommend that the health department undertake to prepare and dispense free of cost, to all who apply for it, antityphoid vaccine. It is believed that this vaccine can be prepared in the bacteriological laboratory at an estimated cost of \$300 for the fiscal year 1917. I recommend that an effort be made to obtain an appropriation for this purpose. There were no milk outbreaks during the year. Investigation of the 340 cases reported gave the following information:

Contracted outside of the District of Columbia.....	109
Contracted probably outside of the District of Columbia.....	9
Contracted from other cases.....	9
Contracted probably from other cases.....	1
Contracted from sources unknown.....	209
Contracted where no information was obtainable.....	3
Total.....	340

The source of water supply used by these patients was as follows:

Potomac water exclusively.....	192
Potomac and other waters.....	2
Well water.....	10
Spring water.....	3
Cistern water.....	1
Boiled water.....	2
Total.....	210

In 36.5 per cent of the cases in which information was obtainable, the premises were well screened, 9.8 per cent had eaten raw oysters, 11.8 per cent raw vegetables, and 4.4 per cent had bathed in river and other public bathing places. From January 1 to June 30, 1915, 71 cases of typhoid fever were reported, while during the corresponding period of last year 92 cases were reported.

The efforts to obtain a larger appropriation for the contagious disease service, so as to enable the health department to send competent inspectors, preferably trained nurses, into homes where cases of typhoid fever exist, to encourage and require better compliance with the regulations relating to isolation and disinfection, have up to the present time been unsuccessful. It is earnestly hoped, however, that these efforts may be renewed and that the necessary funds may be provided.

Smallpox.—During the calendar year 1914 there were 150 cases of smallpox reported, an increase of 10 cases over the number reported during the previous year. The disease continues to be of a mild type. From January 1 to June 30, 1915, 8 cases were reported with no deaths. Compared with the corresponding period of last year, these figures show a reduction in the number of cases reported of 114. During the fiscal year 1914–15, the smallpox hospital was open 156 days and 35 patients were treated, the total number of patient days being 685. The average number of patients per day during the period when the hospital was in active operation was 4.5 and for the year 1.9. The average days per patient was 19.6. The vaccination histories obtained from the patients treated were as follows:

Never vaccinated.....	13
Never successfully vaccinated.....	15
Never vaccinated until after exposure.....	3
Vaccinated in childhood.....	4

The quarantine station was open 187 days during the fiscal year, during which time 68 persons were admitted. The total number of inmate days was 829, and the average number of inmates per day for the period when the quarantine station was in active operation was 4.4, and for the year 2.3. The average number of days per inmate was 12.2.

During the fiscal year the electric wiring and lighting of the smallpox hospital, administration building, and the quarantine station was completed, and the interior and exterior of the smallpox hospital and administration building were painted. Certain other improvements are to be made at all three buildings during the next fiscal year, the money for the purpose having already been appropriated.

Measles.—During the calendar year 1914, 947 cases of measles were reported, as against 5,713 during the preceding year. The efforts of the health department to prevent the spread of this disease have met

with little, if any, results. As the infection is very active during the pre-eruptive stage, and as during this stage patients are in many instances believed to be suffering from an ordinary cold only, others are infected before the nature of the disease is suspected.

An outbreak of measles means a great loss of time to school children from their school studies, as under existing regulations children suffering from measles must remain away from school for three weeks from the onset of the disease. In view of observations made within the past two or three years, relative to the period of infectivity in measles, I again recommend that the period of exclusion from school of pupils suffering from measles be reduced to two weeks from the onset instead of three weeks as at present.

From January 1 to June 30, 1915, 1,645 cases of measles were reported, as against 849 for the corresponding period of 1914. This outbreak started in January and has continued unabated to the close of the fiscal year. The only institutional outbreak that has occurred was in the months of January, February, and March, 1915, in the Government Asylum for the Insane, where a total of 64 cases developed. There were, however, no fatalities.

Tuberculosis.—During the calendar year 1914, 1,057 cases of tuberculosis were reported, with 652 deaths, and during the previous year 1,181 cases and 759 deaths. From January 1 to June 30, 1915, 610 cases and 386 deaths were reported as against 525 cases and 330 deaths for the corresponding period of the previous year. It is believed that the general sanitary condition of homes of the poorer class, where tuberculosis patients reside, has been much improved in the past few years, due in large part to the efforts of the inspector, a graduate nurse, appointed to visit such patients, to instruct them in proper precautions to be taken to prevent the spread of the disease.

In a number of instances, this nurse has succeeded in having patients provided with separate rooms in which to sleep, who were not previously so accommodated.

The act relating to tuberculosis in the District of Columbia requires premises vacated by persons suffering from the communicable forms of that disease to be properly disinfected before being occupied by persons not suffering from the same disease. Frequently patients remove from one residence to another without notifying the health department of such removal, and as a result the place vacated is occupied by other persons without the necessary disinfection. Just how much, if any, infection is spread in this manner I do not know, but it is in my judgment very important that the disinfection should be done. The only remedy I can suggest is the employment of a sufficient number of inspectors to visit at more or less regular intervals the homes of all patients reported as having tuberculosis. The funds at the disposal of the health department will not, however, permit this being done now. Until sufficient funds are provided, the department will have to continue doing the best it can under the existing circumstances.

Pellagra.—From January 1 to December 31, 1914, 21 cases of pellagra were reported, 6 white and 15 colored, with 2 white and 12 colored deaths. During the first six months of the calendar year 1915, 11 cases and 3 deaths were reported as against 12 cases and 6 deaths

for a corresponding period of the preceding year. There has been a marked increase during the past calendar year in the number of cases reported. I am of opinion that this increase is due in part to the fact that this disease is now more readily recognized than heretofore, and in part to increased prevalence.

The colored race seems much more susceptible than the white, the case rate per 100,000 of population for the calendar year 1914 being 2.3 for the white and 15.4 for the colored race. While it is believed by some that the disease is due to dietetic conditions, it is difficult for me to bring myself to accept this as the sole cause, because of the fact that the disease is on the increase in this District and there is, so far as I know, no reason to believe that the diet of the residents of the District of Columbia has undergone any very marked change in the past few years; moreover the female sex seems more susceptible to the disease, and it is not believed that the diet of females differs very largely from that of the males.

Leprosy.—On June 2, 1914, John R. Early, the leper formerly quarantined in Washington, returned to this city. On December 10, 1914, another leper made his appearance. This patient, a white man about 48 years old, arrived in Washington on the date mentioned and informed a police officer that he was a leper. This officer notified the health department, whose representative confirmed the diagnosis and placed the patient in quarantine. The patient stated that he was in the Philippines during the Spanish American War, serving as a cook in the United States Army, and that since his return to the United States he had been quarantined as a leper in San Francisco, Cal., Salt Lake City, Utah, and St. Louis, Mo. From each of these places he claims to have made his escape. The health department has made every effort to have these two lepers returned to the places from which they came but so far without success. To me it is a gross injustice to burden the District of Columbia with the expense of caring for these patients, as neither of them were residents of this District and have no claim on the municipality. The cost of caring for these patients is about \$3,200 per year, and I feel that the District, with its exceedingly small appropriation for contagious diseases, should be relieved of this expense.

ISOLATING WARDS.

The following table shows the number of patients treated at Garfield Memorial and Providence Hospitals, and the diseases for which said patients were treated, together with the total number of patient days during the fiscal year 1914-15.

Service rendered by the isolating wards of Garfield Memorial and Providence Hospitals during the fiscal year 1914-15.

Diseases treated.	Cases treated at public expense.				Private cases.			
	Number of patients.		Hospital days.		Number of patients.		Hospital days.	
	Garfield.	Providence.	Garfield.	Providence.	Garfield.	Providence.	Garfield.	Providence.
Chicken pox.....	2		38		1		12	
Diphtheria.....		101		1,363		31		363
Diphtheria and whooping cough.....		1		11				
Epidemic cerebrospinal meningitis.....					3		26	
Erysipelas.....	11		119		6		83	
Measles.....	5	1	54	1	3	1	25	16
Mumps.....	4		60		1		7	
Scarlet fever.....	134	7	4,899	7	86		2,695	
Suspected diphtheria.....		35		115		3		4
Suspected scarlet fever.....	4	4	92	7				
Whooping cough.....	12	1	447	1				
Suspected whooping cough.....	3		21					
Total.....	175	150	5,730	1,505	100	35	2,843	383

DISINFECTING SERVICE.

During the fiscal year 1915, 2,153 premises were disinfected for the following diseases: Diphtheria, 300; scarlet fever, 653; smallpox, 24; tuberculosis, 1,161; epidemic cerebrospinal meningitis, 4; typhoid fever, 3; anterior poliomyelitis, 6; measles, 1; pediculosis, 1.

The following articles were disinfected at the disinfecting station: Mattresses, 68; feather beds, 6; bolsters, 4; pillows, 122; carpets, 3; quilts, 53; blankets, 69; matting, 1; rugs, 4; cushions, 19; couches, 2; portières, 3; books, 1,360; total, 1,714.

On account of the great advance in the price of potassium permanganate, brought about by the European war, it was found necessary to look for a cheaper substance to take its place in the formaldehyde disinfection of premises. After experimenting with several chemicals, it appeared that the most satisfactory results could be obtained by using formaldehyde, 40 per cent solution, to which is added 5 per cent of magnesium sulphate. After the magnesium is dissolved, 10 per cent commercial sulphuric acid is added. One quart of crushed lime (broken into pieces about the size of a marble) is put into a metal receptacle, and 1½ pints of the solution above referred to is poured over it. These quantities are sufficient to disinfect 1,000 cubic feet of space.

MEDICAL AND DENTAL INSPECTION OF SCHOOLS.

This service is badly in need of a supervising officer, who can devote at least the entire official day to the work. The plan of detailing one of the medical inspectors to supervise the work has not proven satisfactory. This inspector, like all the others, can not equitably be required to devote more than three hours a day to his official duties, and in this short space of time he can not give the service the attention it demands. Now that school nurses are employed, the services of a supervisory officer are even more urgently needed than heretofore.

During the school year 1914-15, 7,731 visits were made by medical inspectors of schools and 107 to the homes of the pupils. There was a total number of 13,698 examinations made during the year. Of these, 9,531 were in attendance at the time of examination and were examined to determine whether they should or should not be excluded, and as a result 941 were excluded. Pupils who had been absent to the number of 4,167 were examined and readmitted. The examination of 3,235 pupils to ascertain their vaccination histories resulted in finding 2,723 successfully vaccinated and 512 unsuccessful.

Number and causes of exclusions from school on account of the health of the pupil.

Causes.	1914-15		Causes.	1914-15	
	White.	Colored.		White.	Colored.
Adentitis.....	1	.....	Objectionable odor.....	1	.....
Boils.....	1	.....	Otitis, acute.....	1	.....
Bronchitis.....	2	.....	Otitis, media.....	2	.....
Chickenpox.....	52	5	Suspected.....	.....	1
Chickenpox, suspected.....	1	.....	Otorrhea.....	3	.....
Chorea.....	6	.....	Ozena.....	2	1
Conjunctivitis.....	42	7	Pediculosis capitis.....	300	4
Acute.....	28	2	And eczema of scalp.....	1	.....
Traumatic.....	1	.....	And impetigo.....	2	.....
Cornea, abscess of.....	1	.....	Pharyngitis.....	.....	1
Foreign body in.....	1	.....	Purulent urethral discharge.....	1	.....
Culture, awaiting result of.....	18	.....	Rash, history of.....	2	.....
Dermatitis.....	1	.....	Rash, suspicious.....	1	.....
Dermatitis herpetiformis.....	1	.....	Rhus poisoning.....	4	2
Desquamation.....	17	.....	Scabies.....	34	4
Diphtheria.....	1	.....	Scarlatina.....	15	1
Exposure to.....	1	1	Exposed to.....	15	.....
Suspected.....	.....	2	Suspected.....	12	.....
Eczema.....	3	3	Skin diseases, not determined.....	3	.....
Epilepsy.....	.....	2	Sore throat.....	7	.....
Evidence of disease.....	1	.....	Systemic condition.....	1	.....
Febricula.....	3	4	Tinea:	.....	.....
Grippe.....	3	.....	Capitis.....	3	6
Headache.....	.....	1	Circinata.....	26	1
Health officer's certificate, failure to obtain.....	1	.....	Tonsurans.....	7	1
Hysteria.....	1	.....	Tonsillitis.....	5	1
Impetigo, contagious.....	93	1	Tonsillitis, follicular.....	2	.....
Infected eye.....	3	.....	Tonsilotomy, recovery from.....	1	.....
Infection of eyelids.....	2	.....	Too ill for school.....	1	.....
Infected nose and lip.....	1	.....	Trachoma.....	1	.....
Iritis.....	1	.....	Trychophytosis of scalp.....	1	.....
Keratitis.....	1	.....	Ulcer, chronic.....	.....	1
Laes.....	1	.....	Unfit physical condition.....	.....	1
Malaria.....	1	1	Urticaria.....	1	.....
Measles.....	16	11	Vaccinated:	.....	.....
Suspected.....	4	.....	Not.....	10	.....
Exposure to.....	8	1	Unsuccessful.....	44	7
Mitral regurgitation.....	.....	1	Whooping cough.....	10	2
Mumps.....	17	.....	Suspected.....	6	.....
Myopia.....	1	.....	Total number of exclu- sions.....	864	77
Noneducable.....	2	.....	Grand total.....	941	.....
Corneal opacities.....	1	.....		
Nausea.....	.....	1			

Physical examinations were made of 171 candidates for admission to the normal schools, 114 white and 57 colored. Forty-two of the white and 12 of the colored candidates had some defect of vision, and it was recommended that they be required to wear suitable glasses. Four white and 1 colored candidate were found to have physical defects which, in the judgment of the health department, disqualified them for duties as teachers. It was therefore recommended that they be not admitted to the normal schools.

During the year the board of education referred 447 pupils for examination to determine if they should be assigned to atypical schools.

Of this number, 123 were recommended for such assignment and 287 were not. Nineteen had been withdrawn from school before examination, and in 18 cases no final report was made.

The following table shows the work done by the dental inspectors during the school year 1914-15:

Work done by dental inspectors during the school year 1914-15.

	White.	Colored.	Total.
Pupils examined.....	5,341	4,443	9,784
Pupils with cavities.....	4,321	3,358	7,679
Cavities:			
Temporary teeth.....	6,253	3,471	9,724
Permanent teeth.....	10,955	5,261	16,216
Total number of cavities.....	17,208	8,732	25,940
Number of children with permanent teeth missing.....	306	141	447
Teeth needing extracting.....	2,919	7,413	10,332
Permanent teeth missing.....	424	167	591
Teeth needing cleaning.....	4,711	3,410	8,121
Teeth needing filling.....	17,208	8,732	25,940
Teeth needing regulating.....	1,673	96	1,769
Pupils with abscess.....	230	8	238
Number of abscesses.....	272	8	280
Visits to schools.....	171	169	340

CHILD-LABOR LAW.

From July 1, 1914, to June 30, 1915, the health department, at the request of the board of education, examined 524 children under the provisions of the child-labor law, to determine if they were physically able to perform the duties of the positions they desired to fill. Four were found physically unfitted, and it was recommended no permits be granted.

PUBLIC CREMATORY.

During the fiscal year 1915, 560 bodies were cremated, of which 107 were adults, 194 infants, and 259 stillborn children. The total cost of maintaining the crematory for the fiscal year referred to, including personal services, repairs, supplies, etc., was \$1,846.63. Estimating the bodies of 194 babies as equivalent to 16 adults bodies and excluding stillborn children altogether, an equivalent of 123 adult bodies were cremated. Based on the figures given above, the cost of cremation for an adult body was \$15.01. During the fiscal year \$660 was collected for private cremations. Deducting this amount from the total cost of maintenance, the net cost to the government for the maintenance of the crematory was \$1,186, and the cost of cremating each adult body required to be buried at public expense, or the equivalent in bodies of infants, was \$9.64.

RECOMMENDATIONS.

I again call attention to the urgent need of a water main to provide fire protection for the smallpox hospital. A recommendation for the laying of this water main has been made each year for several years past, and I now earnestly renew this recommendation. At the present time the nearest fire hydrant to this building is 1,200 feet away and in the event of fire it would be almost useless.

I again renew my former recommendation for a new stable at the smallpox hospital. The old structure now in use is a disgrace.

I desire to again call attention to the matter of preparing and distributing free of cost diphtheria antitoxin and antityphoid vaccine. It is believed that the sum of \$750 for the diphtheria antitoxin and \$300 for the antityphoid vaccine will be sufficient for one year's supply. It is hoped that an appropriation to enable the department to do this work may be obtained.

The usual tables accompany this report.

Respectfully,

W. C. FOWLER, M. D.,
Chief Medical Inspector.

TABLE 1.—Prevalence and severity of reportable diseases from Jan. 1, 1914, to June 30, 1915, with comparative figures for previous years.

	Cases reported.			Case rate per 100,000 of population.			Deaths.			Percentage of fatal cases.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
Anterior poliomyelitis: ¹												
1912.....	6	4	10	2.4	3.0	2.5	-----	4	4	-----	100.0	40.0
1913.....	4	1	5	1.6	1.0	1.4	0	0	0	0	0	0
1914.....	6	2	8	2.3	2.0	2.3	0	1	1	0	50.0	12.5
January to June, inclusive—												
1914.....	0	0	0	0	0	0	0	0	0	0	0	0
1915.....	1	0	1	-----	-----	-----	0	0	0	0	0	0
Epidemic cerebrospinal meningitis:												
1907-1910.....	8.25	6.25	15.5	3.6	7.0	4.6	5.75	4.5	10.25	65.7	66.6	66.1
1911.....	7	1	8	2.7	1.0	2.3	4	-----	4	57.1	-----	50.0
1912.....	4	3	7	1.6	3.0	2.0	3	1	4	75.0	33.3	57.1
1913.....	3	1	4	1.2	1.0	1.1	2	1	3	66.6	100.0	75.0
1914.....	4	4	8	1.6	4.1	2.3	2	3	5	50.0	75.0	62.5
January to June, inclusive—												
1914.....	3	3	6	-----	-----	-----	2	2	4	-----	-----	66.6
1915.....	3	0	3	-----	-----	-----	3	0	3	-----	-----	100.0
Chicken pox:												
1907-1910.....	478.2	103.2	581.5	196.8	106.3	171.0	.25	-----	.25	.05	-----	.04
1911.....	411	160	571	160.6	162.2	161.3	-----	-----	-----	-----	-----	-----
1912.....	689	183	872	271.0	195.6	247.0	-----	-----	-----	-----	-----	-----
1913.....	906	186	1,092	355.1	189.5	309.1	0	0	0	0	0	0
1914.....	830	201	1,031	324.1	205.9	291.5	0	0	0	0	0	0
January to June, inclusive—												
1914.....	626	167	793	-----	-----	-----	0	0	0	0	0	0
1915.....	605	89	694	-----	-----	-----	0	0	0	0	0	0
Diphtheria:												
1906-1910.....	391.2	59.2	450.4	166.2	61.2	133.5	23.4	7.8	31.2	6.0	13.2	6.9
1911.....	423	90	513	167.3	91.7	146.3	16	3	19	3.7	3.3	3.7
1912.....	308	85	393	121.1	86.1	111.4	15	-----	15	4.9	-----	3.8
1913.....	451	79	530	176.7	80.5	150.0	21	4	25	4.7	5.1	4.7
1914.....	367	85	452	143.3	87.1	127.8	24	7	31	6.6	8.2	6.9
January to June, inclusive—												
1914.....	196	39	235	-----	-----	-----	11	2	13	5.6	5.1	5.5
1915.....	130	11	141	-----	-----	-----	5	1	6	3.8	9.1	4.3
Leprosy:												
1914.....	1	0	1	.4	0	.3	0	0	0	0	0	0
January to June, inclusive—												
1914.....	1	0	1	-----	-----	-----	0	0	0	0	0	0
1915.....	0	0	0	-----	-----	-----	0	0	0	0	0	0
Measles:												
1907-1910.....	1,727.2	366.2	2,093.4	700.5	377.1	615.5	8.2	3.4	11.6	.5	1.0	.6
1911.....	2,813	635	3,448	1,099.5	646.8	974.0	15	7	22	.5	1.1	.6
1912.....	1,146	492	1,638	450.7	498.6	464.1	5	3	8	.4	.6	.5

¹ Cases not reported until July 1, 1911.

TABLE 1.—Prevalence and severity of reportable diseases from Jan. 1, 1914, to June 30, 1915, with comparative figures for previous years—Continued.

	Cases reported.			Case rate per 100,000 of population.			Deaths.			Percentage of fatal cases.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
Measles—Continued.												
1913.....	4,749	964	5,713	1,862.2	982.2	1,617.1	17	7	24	0.4	0.7	0.4
1914.....	673	274	947	262.8	280.7	267.8	0	1	1	.0	.4	.1
January to June, inclusive—												
1914.....	637	212	849	.....	.....	.....	0	1	1	0	.5	.1
1915.....	1,339	306	1,645	.....	.....	.....	4	1	5	.3	.3	.3
Pellagra:¹												
1913.....	0	4	4	0	4.1	1.1	0	4	4	0	100.0	100.0
1914.....	6	15	21	2.3	15.4	5.9	2	14	14	33.3	80.0	66.6
January to June, inclusive—												
1914.....	5	7	12	.....	.....	.....	1	5	6	20.0	71.4	50.0
1915.....	1	10	11	.....	.....	.....	1	8	9	100.0	80.0	81.8
Scarlet fever:												
1906-1910.....	480.2	46.4	526.4	199.5	48.0	154.9	9.0	2.2	11.2	1.9	4.7	2.1
1911.....	250	21	271	97.7	21.4	76.5	4	.....	4	1.6	.....	1.5
1912.....	234	25	259	92.0	25.3	73.4	4	.....	4	1.7	.....	1.5
1913.....	503	53	556	197.1	54.0	157.4	13	1	14	2.6	1.9	2.5
1914.....	294	17	311	114.8	17.4	87.9	1	0	1	.3	.0	.3
January to June, inclusive—												
1914.....	185	11	196	.....	.....	.....	1	0	1	.5	.0	.5
1915.....	566	38	604	.....	.....	.....	7	1	8	1.2	2.6	1.3
Smallpox:												
1906-1910.....	28.6	52.8	81.4	11.1	54.6	24.1	.4	.7	.6	1.4	.4	.7
1911.....	23	13	36	9.0	13.2	10.2	.....	.....	.....	.....	.....	.....
1912.....	2	7	9	.8	7.1	2.6	.....	.....	.....	.....	.....	.....
1913.....	11	129	140	4.3	131.4	39.6	0	0	0	0	0	0
1914.....	53	97	150	20.7	99.4	42.4	0	0	0	0	0	0
January to June, inclusive—												
1914.....	38	84	122	.....	.....	.....	0	0	0	0	0	0
1915.....	2	6	8	.....	.....	.....	0	0	0	0	0	0
Tuberculosis:												
1906-1910.....	570.3	637.3	1,207.3	231.7	654.1	351.5	277.0	392.7	667.7	48.6	61.6	55.5
1911.....	580	644	1,224	226.7	656.0	345.7	351	451	802	60.5	70.0	65.5
1912.....	577	635	1,212	223.0	643.5	343.4	326	464	790	56.5	73.1	65.2
1913.....	597	584	1,181	234.0	595.0	334.2	338	421	759	56.6	72.1	64.3
1914.....	529	528	1,057	206.6	540.9	298.9	263	389	652	49.7	73.7	61.7
January to June, inclusive—												
1914.....	261	264	525	.....	.....	.....	134	196	330	51.3	74.2	62.9
1915.....	321	289	610	.....	.....	.....	166	220	386	51.7	76.1	63.3
Typhoid fever:												
1906-1910.....	660.2	236.8	897.0	274.3	244.9	265.9	72.6	48.4	119.0	11.0	19.6	13.0
1911.....	491	168	659	191.9	171.1	186.1	46	24	70	9.4	14.3	10.6
1912.....	400	185	585	157.3	187.5	165.8	48	28	76	12.0	15.1	13.0
1913.....	346	115	461	135.6	117.2	130.5	32	21	53	9.2	18.3	11.3
1914.....	230	110	340	89.8	112.7	96.1	17	27	44	7.4	24.5	13.0
January to June, inclusive—												
1914.....	67	25	92	.....	.....	.....	5	8	13	7.5	32.0	14.1
1915.....	42	29	71	.....	.....	.....	6	6	12	14.3	20.7	17.0
Whooping cough:												
1907-1910.....	358.2	148.2	506.4	147.4	152.6	148.9	9.6	20.0	29.6	2.7	13.5	5.4
1911.....	482	139	601	180.6	141.6	169.8	14	13	27	3.0	9.3	4.5
1912.....	1,068	390	1,478	427.9	395.2	418.8	20	44	64	1.8	11.3	4.3
1913.....	162	157	319	63.5	160.0	90.3	3	13	16	1.9	8.3	4.0
1914.....	424	113	537	165.6	115.8	151.8	5	13	18	1.2	11.5	3.3
January to June, inclusive—												
1914.....	248	48	296	.....	.....	.....	1	6	7	.4	12.5	2.4
1915.....	272	50	322	.....	.....	.....	6	6	12	2.2	12.0	3.7

¹ Cases not reported until July 1, 1913.

TABLE 2.—*Diphtheria: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	56	2	10	0	66	2
February.....	45	4	17	0	62	15
March.....	38	3	6	1	44	4
April.....	32	1	3	1	35	2
May.....	10	1	2	0	12	1
June.....	15	0	1	0	16	0
July.....	18	1	2	1	20	2
August.....	17	3	6	1	23	4
September.....	23	0	4	1	27	1
October.....	29	1	12	1	41	2
November.....	47	5	10	1	57	6
December.....	37	3	12	0	49	3
Total.....	367	24	85	7	452	32

¹ One case reported as diphtheria died from broncho-pneumonia.

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	143.3	87.1	127.8
Percentage of deaths to cases.....	6.6	8.2	6.9

TABLE 3.—*Diphtheria: Ages of patients and decedents during calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	15	4	26.6	12	3	25.0	3	1	33.3
1 to 5 years.....	97	16	16.5	80	11	13.7	17	5	29.4
5 to 10 years.....	166	8	4.8	142	6	4.2	24	2	8.3
10 to 20 years.....	79	1	1.3	54	1	1.8	25	0	0
20 to 30 years.....	60	0	0	51	0	0	9	0	0
30 to 40 years.....	19	1	5.3	16	1	6.2	3	0	0
40 to 50 years.....	12	1	8.3	10	0	0	2	1	50.0
50 to 60 years.....	3	0	0	2	0	0	1	0	0
60 to 70 years.....	1	0	0	0	0	0	1	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	452	31	6.9	367	22	6.6	85	9	8.2

TABLE 4.—*Scarlet fever: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	67	0	3	0	70	0
February.....	54	0	6	0	60	0
March.....	26	0	0	0	26	0
April.....	14	0	2	0	16	0
May.....	14	1	0	0	14	1
June.....	10	0	0	0	10	0
July.....	3	0	3	0	6	0
August.....	6	0	0	0	6	0
September.....	9	0	1	0	10	0
October.....	18	0	1	0	19	0
November.....	31	0	0	0	31	0
December.....	42	0	1	0	43	0
Total.....	294	1	17	0	311	1

TABLE 4.—*Scarlet fever: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto—Continued.*

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	114.8	17.4	87.9
Percentage of deaths to cases.....	.3	0	.3

TABLE 5.—*Scarlet fever: Ages of patients and decedents during calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	2	0	0	2	0	0	0	0	0
1 to 5 years.....	58	1	1.7	56	1	1.8	2	0	0
5 to 10 years.....	101	0	0	95	0	0	6	0	0
10 to 20 years.....	113	0	0	108	0	0	5	0	0
20 to 30 years.....	24	0	0	20	0	0	4	0	0
30 to 40 years.....	11	0	0	11	0	0	0	0	0
40 to 50 years.....	2	0	0	2	0	0	0	0	0
50 to 60 years.....	0	0	0	0	0	0	0	0	0
60 to 70 years.....	0	0	0	0	0	0	0	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	311	1	.3	294	1	0	17	0	.3

TABLE 6.—*Measles: Reported cases, by race and by months, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	133	0	24	0	157	0
February.....	232	0	72	0	304	0
March.....	174	0	73	0	247	0
April.....	47	0	26	0	73	0
May.....	29	0	16	1	45	1
June.....	22	0	1	0	23	0
July.....	10	0	1	0	11	0
August.....	3	0	4	0	7	0
September.....	3	0	1	0	4	0
October.....	2	0	11	0	13	0
November.....	9	0	29	0	38	0
December.....	9	0	16	0	25	0
Total.....	673	0	274	1	947	1

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	262.8	280.7	267.8
Percentage of deaths to cases.....	0	.4	.1

TABLE 7.—*Measles: Ages of patients and decedents during the calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	19	0	0	11	0	0	8	0	0
1 to 5 years.....	133	1	.7	91	0	0	42	1	2.4
5 to 10 years.....	254	0	0	175	0	0	79	0	0
10 to 20 years.....	257	0	0	193	0	0	64	0	0
20 to 30 years.....	218	0	0	156	0	0	62	0	0
30 to 40 years.....	56	0	0	39	0	0	17	0	0
40 to 50 years.....	9	0	0	7	0	0	2	0	0
50 to 60 years.....	1	0	0	1	0	0	0	0	0
60 to 70 years.....	0	0	0	0	0	0	0	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	947	1	.1	673	0	0	274	1	.4

TABLE 8.—*Whooping cough: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	37	0	3	1	40	1
February.....	25	1	9	1	34	2
March.....	35	0	12	0	47	0
April.....	35	0	7	1	42	1
May.....	57	0	11	2	68	2
June.....	59	0	6	1	65	1
July.....	52	0	13	1	65	1
August.....	44	0	23	3	67	3
September.....	36	0	7	2	43	2
October.....	22	2	5	0	27	2
November.....	11	1	7	0	18	1
December.....	11	1	10	1	21	2
Total.....	424	5	113	13	537	18

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	165.6	115.8	151.8
Percentage of deaths to cases.....	1.2	11.5	3.3

TABLE 9.—*Whooping cough: Ages of patients and decedents during the calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	65	14	21.5	38	4	10.5	27	10	37.0
1 to 5 years.....	237	3	1.3	185	1	.5	52	2	3.8
5 to 10 years.....	197	1	.5	170	0	0	27	1	3.3
10 to 20 years.....	23	0	0	20	0	0	3	0	0
20 to 30 years.....	7	0	0	4	0	0	3	0	0
30 to 40 years.....	5	0	0	4	0	0	1	0	0
40 to 50 years.....	1	0	0	1	0	0	0	0	0
50 to 60 years.....	1	0	0	1	0	0	0	0	0
60 to 70 years.....	0	0	0	0	0	0	0	0	0
Over 70 years.....	1	0	0	1	0	0	0	0	0
Total.....	537	18	3.3	424	5	1.2	113	13	11.5

TABLE 10.—*Chicken pox: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	192	0	17	0	209	0
February.....	150	0	36	0	186	0
March.....	86	0	23	0	109	0
April.....	60	0	35	0	95	0
May.....	89	0	22	0	111	0
June.....	49	0	34	0	83	0
July.....	14	0	11	0	25	0
August.....	2	0	6	0	8	0
September.....	3	0	4	0	7	0
October.....	25	0	3	0	28	0
November.....	61	0	6	0	67	0
December.....	99	0	4	0	103	0
Total.....	830	0	201	0	1,031	0

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	324.2	205.9	291.5
Percentage of deaths to cases.....	0	0	0

TABLE 11.—*Chicken pox: Ages of patients and decedents during calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	37	0	0	29	0	0	8	0	0
1 to 5 years.....	235	0	0	187	0	0	48	0	0
5 to 10 years.....	523	0	0	431	0	0	92	0	0
10 to 20 years.....	174	0	0	135	0	0	39	0	0
20 to 30 years.....	45	0	0	36	0	0	9	0	0
30 to 40 years.....	17	0	0	12	0	0	5	0	0
40 to 50 years.....	0	0	0	0	0	0	0	0	0
50 to 60 years.....	0	0	0	0	0	0	0	0	0
60 to 70 years.....	0	0	0	0	0	0	0	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	1,031	0	0	830	0	0	201	0	0

TABLE 12.—*Smallpox: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	4	0	26	0	30	0
February.....	11	0	5	0	16	0
March.....	13	0	14	0	27	0
April.....	1	0	2	0	3	0
May.....	7	0	21	0	28	0
June.....	2	0	16	0	18	0
July.....	2	0	7	0	9	0
August.....	0	0	0	0	0	0
September.....	0	0	1	0	1	0
October.....	2	0	1	0	3	0
November.....	7	0	2	0	9	0
December.....	4	0	2	0	6	0
Total.....	53	0	97	0	150	0

TABLE 12.—*Smallpox: Reported cases, by race and by month, during the calendar year 1914, with certain relative thereto—Continued.*

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	20.7	99.4	42.4
Percentage of deaths to cases.....	0	0	0

TABLE 13.—*Smallpox: Ages of patients and decedents during calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	2	0	0	1	0	0	1	0	0
1 to 5 years.....	4	0	0	2	0	0	2	0	0
5 to 10 years.....	10	0	0	2	0	0	8	0	0
10 to 20 years.....	17	0	0	9	0	0	8	0	0
20 to 30 years.....	74	0	0	23	0	0	51	0	0
30 to 40 years.....	21	0	0	9	0	0	12	0	0
40 to 50 years.....	21	9	0	7	0	0	14	0	0
50 to 60 years.....	0	0	0	0	0	0	0	0	0
60 to 70 years.....	1	0	0	0	0	0	1	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	150	0	0	53	0	0	97	0	0

TABLE 14.—*Epidemic cerebrospinal meningitis: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	0	0	0	0	0	0
February.....	1	1	1	1	2	2
March.....	1	1	0	0	1	1
April.....	0	0	1	1	1	1
May.....	1	0	1	0	2	0
June.....	0	0	0	0	0	0
July.....	0	0	0	0	0	0
August.....	0	0	0	0	0	0
September.....	0	0	0	0	0	0
October.....	0	0	1	1	1	1
November.....	0	0	0	0	0	0
December.....	1	0	0	0	1	0
Total.....	4	2	4	3	8	5

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	1.6	4.1	2.3
Percentage of deaths to cases.....	50.0	75.0	62.5

TABLE 15.—*Epidemic cerebrospinal meningitis: Ages of patients and decedents during calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	0	0	0	0	0	0	0	0	0
1 to 5 years.....	4	2	50.0	1	1	100.0	3	1	33.3
5 to 10 years.....	0	0	0	0	0	0	0	0	0
10 to 20 years.....	1	0	0	1	0	0	0	0	0
20 to 30 years.....	2	2	100.0	1	1	100.0	1	1	100.0
30 to 40 years.....	1	1	100.0	1	1	100.0	0	0	0
40 to 50 years.....	0	0	0	0	0	0	0	0	0
50 to 60 years.....	0	0	0	0	0	0	0	0	0
60 to 70 years.....	0	0	0	0	0	0	0	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	8	5	62.5	4	3	75.0	4	2	50.0

TABLE 16.—*Anterior poliomyelitis: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	0	0	0	0	0	0
February.....	0	0	0	0	0	0
March.....	0	0	0	0	0	0
April.....	0	0	0	0	0	0
May.....	0	0	0	0	0	0
June.....	0	0	0	0	0	0
July.....	0	0	0	0	0	0
August.....	0	0	2	1	2	1
September.....	1	0	0	0	1	0
October.....	2	0	0	0	2	0
November.....	3	0	0	0	3	0
December.....	0	0	0	0	0	0
Total.....	6	0	2	1	8	1

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	2.3	2.0	2.3
Percentage of deaths to cases.....	0	50.0	12.5

TABLE 17.—*Anterior poliomyelitis: Ages of patients and decedents during the calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	1	0	0	1	0	0	0	0	0
1 to 5 years.....	6	1	16.6	4	0	0	2	1	50
5 to 10 years.....	0	0	0	0	0	0	0	0	0
10 to 20 years.....	0	0	0	0	0	0	0	0	0
20 to 30 years.....	1	0	0	1	0	0	0	0	0
30 to 40 years.....	0	0	0	0	0	0	0	0	0
40 to 50 years.....	0	0	0	0	0	0	0	0	0
50 to 60 years.....	0	0	0	0	0	0	0	0	0
60 to 70 years.....	0	0	0	0	0	0	0	0	0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	8	1	12.5	6	0	0	2	1	50

TABLE 18.—*Pellagra: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	1	0	1	1	2	1
February.....	0	0	0	0	0	0
March.....	2	0	1	1	3	1
April.....	0	0	2	2	2	2
May.....	0	0	0	0	0	0
June.....	2	1	3	1	5	2
July.....	0	0	2	2	2	2
August.....	0	0	2	1	2	1
September.....	0	0	3	1	3	1
October.....	0	0	1	2	1	2
November.....	1	1	1	1	2	2
December.....	0	0	0	0	0	0
Total.....	6	2	15	12	21	14

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	2.3	15.4	5.9
Percentage of deaths to cases.....	33.3	80.0	66.6

TABLE 19.—*Pellagra: Ages of patients and decedents during the calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	0	0	0	0	0	0	0	0	0
1 to 5 years.....	0	0	0	0	0	0	0	0	0
5 to 10 years.....	0	0	0	0	0	0	0	0	0
10 to 20 years.....	1	1	100.0	0	0	0	1	1	100.0
20 to 30 years.....	2	1	50.0	1	0	0	1	1	100.0
30 to 40 years.....	9	6	66.6	2	0	0	7	6	85.7
40 to 50 years.....	4	3	75.0	1	1	100.0	3	2	66.6
50 to 60 years.....	4	2	50.0	2	1	50.0	2	1	50.0
60 to 70 years.....	1	1	100.0	0	0	0	1	1	100.0
Over 70 years.....	0	0	0	0	0	0	0	0	0
Total.....	21	14	66.6	6	2	33.3	15	12	80.0

TABLE 20.—*Tuberculosis, communicable forms: Reported cases of, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	41	27	44	32	85	59
February.....	38	16	34	30	72	46
March.....	51	28	57	43	108	71
April.....	44	19	46	33	90	52
May.....	48	21	41	29	89	50
June.....	39	23	42	29	81	52
July.....	54	32	57	28	111	60
August.....	40	28	37	36	77	64
September.....	47	20	49	28	96	48
October.....	44	14	39	34	83	48
November.....	40	24	38	28	78	52
December.....	43	11	44	39	87	50
Total.....	529	263	528	389	1,057	652

TABLE 20.—*Tuberculosis, communicable forms: Reported cases of, by race and by month, during the calendar year 1914, with certain data relative thereto—Continued.*

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	206.6	540.9	298.9
Percentage of deaths to cases.....	49.7	73.7	61.7

TABLE 21.—*Tuberculosis, communicable forms: Ages of patients and decedents during the calendar year 1914.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	4	3	75.0	2	2	100.0	2	1	50.0
1 to 5 years.....	21	6	28.6	4	0	0	17	6	35.3
5 to 10 years.....	19	7	36.8	4	2	50.0	15	5	33.3
10 to 20 years.....	107	74	69.1	32	20	62.5	75	54	72.0
20 to 30 years.....	318	183	57.5	162	58	35.8	156	125	80.1
30 to 40 years.....	283	177	62.5	141	63	44.7	142	114	80.3
40 to 50 years.....	155	95	61.3	87	51	58.6	68	44	64.7
50 to 60 years.....	81	55	67.9	48	31	64.6	33	24	72.7
60 to 70 years.....	52	38	73.1	35	25	71.4	17	13	76.5
Over 70 years.....	17	14	82.4	14	11	78.6	3	3	100.0
Total.....	1,067	652	298.9	529	263	206.6	528	389	540.9

TABLE 22.—*Typhoid fever: Reported cases, by race and by month, during the calendar year 1914, with certain data relative thereto.*

Months.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	13	0	5	3	18	3
February.....	15	2	5	2	20	4
March.....	10	0	3	2	13	2
April.....	12	1	1	0	13	1
May.....	9	1	4	0	13	1
June.....	8	1	7	1	15	2
July.....	23	0	13	4	36	4
August.....	37	7	20	4	57	11
September.....	42	1	27	6	69	7
October.....	28	2	10	1	38	3
November.....	21	0	14	2	35	2
December.....	12	2	1	2	13	4
Total.....	230	17	110	27	340	44

In addition to the above, one death was reported in September from typho-malaria.

ANALYSIS.

	White.	Colored.	Total.
Cases per 100,000 of population.....	89.8	112.7	96.1
Percentage of deaths to cases.....	7.4	24.5	13.0

TABLE 23.—Typhoid fever: Ages of patients and decedents during the calendar year 1914.

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	2	0	0	1	0	0	1	0	0
1 to 5 years.....	15	3	20.0	12	1	8.3	3	2	66.6
5 to 10 years.....	36	4	11.1	21	1	4.8	15	3	20.0
10 to 20 years.....	88	10	11.4	52	2	3.8	36	8	22.2
20 to 30 years.....	120	16	13.3	80	5	6.2	40	11	27.5
30 to 40 years.....	45	5	11.1	35	3	8.6	10	2	20.0
40 to 50 years.....	23	4	17.4	20	4	20.0	3	0	0
50 to 60 years.....	9	1	11.1	7	0	0	2	1	50.0
60 to 70 years.....	1	0	0	1	0	0	0	0	0
Over 70 years.....	1	1	100.0	1	1	100.0	0	0	0
Total.....	340	44	13.0	230	17	7.4	110	27	24.5

TABLE 24.—Typhoid fever in the District of Columbia, by months and by years, from Jan. 1, 1911, to Dec. 31, 1914.

Months.	Cases reported.				Deaths reported.			
	1911	1912	1913	1914	1911	1912	1913	1914
January.....	22	32	25	18	2	6	1	3
February.....	26	22	9	20	4	1	3	4
March.....	23	20	15	13	4	1	4	2
April.....	23	27	12	13	3	4	2	1
May.....	38	27	17	13	8	2	3	1
June.....	27	23	65	15	2	2	5	2
July.....	49	42	70	36	5	11	7	4
August.....	83	118	72	57	11	9	9	11
September.....	105	96	75	69	7	15	2	7
October.....	113	63	40	38	5	11	11	3
November.....	89	65	35	35	8	8	2	2
December.....	61	50	26	13	11	6	4	4
Total.....	659	585	461	340	70	76	53	44

TABLE 25.—Typhoid fever, by statistical districts, for the calendar year 1914.

Districts.	Population.	Cases.	Deaths.	Districts.	Population.	Cases.	Deaths.
1.....	18,141	17	5	29.....	1,387	1	0
2.....	10,360	4	0	30.....	2,915	6	0
3.....	10,292	6	0	31.....	4,206	1	0
4.....	2,226	1	0	32.....	3,977	2	0
5.....	18,565	14	1	33.....	8,549	3	0
6.....	17,097	25	0	34.....	3,214	23	4
7.....	8,245	5	1	35.....	11,669	13	3
8.....	15,570	9	1	36.....	13,848	8	1
9.....	22,108	28	2	37.....	1,639	1	0
10.....	15,683	6	1	38.....	2,439	2	0
11.....	8,189	12	6	39.....	1,426	1	1
12.....	6,587	4	1	40.....	2,719	2	0
13.....	6,283	9	2	41.....	2,083	1	1
14.....	16,792	20	2	42.....	1,345	3	1
15.....	13,022	30	2	43.....	4,271	5	1
16.....	8,633	4	0	44.....	6,491	5	0
17.....	16,121	21	2	45.....	1,839	1	0
18.....	11,570	5	0	46.....	1,898	3	0
19.....	4,385	2	0	47.....	3,414	5	0
20.....	4,207	3	0	48.....	7,362	4	0
21.....	1,501	2	0	49.....	1,841	2	1
22.....	2,153	4	1	50.....	7,574	5	2
23.....	570	1	0	51.....	1,565	2	0
24.....	1,868	0	0	52.....	664	0	0
25.....	4,871	3	1	53.....	1,853	3	1
26.....	2,941	1	0	Total.....	353,297	339	44
27.....	4,304	1	0				
28.....	816	0	0				

APPENDIX B.
REPORT OF CHIEF FOOD INSPECTOR.

SEPTEMBER 9, 1915.

Dr. WILLIAM C. WOODWARD,
Health Officer, District of Columbia.

DEAR SIR: I have the honor to submit the annual report relative to the operations of the food-inspection service during the fiscal year ended June 30, 1915.

Dairy farms.—A comparative statement showing the number and location of dairy farms from which milk is sold in the District of Columbia, the number of cattle on such farms, and the frequency of farm inspections, for the fiscal years is submitted. (See p. 24.) There was a decrease during the latter year of 75 in the number of dairy farms registered, and a decrease of 768 in the number of dairy cattle.

Tuberculin testing.—Ten thousand and sixty-nine cattle on the farms producing milk for sale in the District were reported as having been officially tuberculin tested during the year, and there were some herds tested on the annual retest by the Bureau of Animal Industry, Department of Agriculture, which do not appear in this number. Of the cattle reported, 9,145 passed, 852 reacted, and 72 were regarded as suspicious. Several of those reported as suspicious were retested and passed. Reports from those herds which are regularly tested are still gratifying, in that practically no reactions are now noted.

Inoculation tests for tuberculosis.—By means of guinea-pig inoculation, living tubercle bacilli were found in the milk from two dairy herds shipping milk into this District for sale. The sale of milk from these herds was immediately stopped, and permission to sell milk was denied until the cattle were demonstrated to be free from tuberculosis, by the application of an official tuberculin test. This test was applied to each herd, and in one instance 24 of the 30 animals tested reacted, and in the other, only 4 of 22. The reacting animals were slaughtered under inspection.

Dairies.—While there was an increase in the number of inspections of dairies during this year, the increase was not as great as anticipated. It was expected that a reapportionment of work would release the inspector of dairies from duty other than the inspection of dairies. I regret that these expectations were not realized. The great amount of clerical work necessary to keep properly the records of the service required the detail of this inspector to assist in this clerical work from time to time, and, therefore, his inspection work suffered.

Inspection of markets, groceries, and other places where foods are prepared for sale and sold.—I am glad to report an increase in the number of inspections of places of this character during the year, and the results would have been more gratifying if one inspector had not been assigned to clerical work for nine months during this period. Since June 1, 1915, this inspector has again been assigned to inspection work.

Inspection of slaughterhouses.—There are 21 slaughterhouses in the District of Columbia, and these were examined 253 times. There were inspected at the time of slaughter: Cattle, 106; sheep, 497; calves, 544; and hogs, 145. The carcasses of three cattle and five hogs were found to be unfit for food and were denatured with oil. The cattle were condemned, one because of an injury, one for tuberculosis, and one for leucaemia. The hogs were affected with cholera.

Communicable diseases of animals.—So far as this department was informed, there were no cases of glanders.

Three outbreaks of foot-and-mouth disease were discovered among cattle, in the District of Columbia, on as many separate farms. The cases were handled in cooperation with the Bureau of Animal Industry, United States Department of Agriculture. The entire number of cattle on these farms, 45 in all, were destroyed, because they had either contracted the disease or been exposed to infection. The owners of the cattle were reimbursed for the loss by the Federal Government, after appraisal of the cattle by officials of the Bureau of Animal Industry, United States Department of Agriculture. The health department maintained guards over these premises from the time of the discovery of the disease until the animals were slaughtered and the premises disinfected. The disinfection of the premises was made by the health department in cooperation with the Bureau of Animal Industry, United States Department of Agriculture. It is believed that this police work prevented the spread of the disease in this District. This department, in conjunction with the police department, assisted in enforcing the quarantine placed by the Secretary of Agriculture on all shipments of certain specified live stock and hides; and also upon shipments of hay, straw, and fodder into the District of Columbia from Maryland and Virginia. A detailed report on the prevalence of foot-and-mouth disease appears on page 74.

Fifteen cases of hog cholera appeared on one farm in the District. The sick hogs were slaughtered, the other hogs on the farm, 123 in number, were immunized, and the infected pens disinfected. There was no spread of the disease.

Anthrax appeared on a dairy farm near by, in Maryland, supplying milk to this District. The outbreak was among hogs, eleven of which died. The remainder of the hogs on this farm were injected with a serum furnished by the United States Department of Agriculture, and no additional cases developed.

There were 8 cases of rabies among dogs in the District of Columbia during the year. Two human beings, a child and a man, died from the disease. For a detailed report on this disease, see page 14.

Recommendations.—I have the honor to renew the former recommendation that H. R. 8625 and S. 1092 (63d Cong., 1st sess.), "A bill to protect the public health in the District of Columbia by regulating the production and sale of milk, cream, and ice cream in and for the District of Columbia," be recommended for favorable consideration.

It is also recommended that an additional section to the regulations for the government of dairies and dairy farms in the District of Columbia be recommended to the commissioners, to require as follows: On and after July 1, 1916, all cattle on any dairy farm on which milk is produced for sale in the District of Columbia shall be free from tuberculosis, as demonstrated by the application of an

official tuberculin test. The test to be applied once each year, or as often as the health officer may deem it necessary.

It is further recommended that these regulations be amended so as to provide that no milk or cream be brought or sent into the District of Columbia for sale or for manufacture, or be sold, stored, held for sale, or offered for sale in this jurisdiction, unless said milk or cream be kept at a temperature not exceeding 50° F., and that no utensils or pails used to receive the milk as secreted from the udder of the cow shall have an uncovered opening at the top exceeding 7 inches in diameter.

Permit the recommendation that section 12a of an ordinance to prevent the sale of unwholesome food in the District of Columbia be amended so as to provide that no market, store, or stall, where food is offered for sale and sold, shall be established, maintained, or continued without a certificate from the health officer that the premises are in a sanitary condition and suited to the conduct of such business.

Additional clerical force is urgently needed in this branch of the service. At this time a food inspector is assigned to keep the records for the service, and the task is greater than one man can accomplish in the usual working day. I, therefore, recommend that additional help be requested. The efficiency of the service would also be greatly increased if a clerk was provided to release for field duty the inspector now assigned to clerical work.

The automobile furnished for the use of the health department has been assigned to this service during one-half of each working day. The result of its use may be readily estimated by a perusal of the records of this service during the period since the automobile was furnished and comparing it with a similar record covering a corresponding period for the preceding year. The most apparent increase in efficiency is in the collection of specimens for analysis in the laboratories of this department.

The following table shows the relative number of samples of milk purchased from all dairymen selling milk at retail in the District of Columbia during the fiscal years 1914 and 1915:

	1914	1915
Samples from dairies.....	811	901
Samples from producers.....	305	582
Total.....	1,116	1,483

There was an increase in the number of specimens of milk and cream collected. While this is gratifying, the fact that at least one sample of milk was collected each month from each dairyman selling milk in this district at retail shows greater efficiency. Then, too, these specimens were collected from the delivery wagons while they were actually engaged in delivering milk to consumers. It is my opinion that samples collected in this manner are more representative of the quality of the product as it is dispensed to the public than would be the examination of samples of milk collected from the dairies. Other work has been made possible, such as following interstate shipments of milk from their sources to places of sale in this jurisdiction, the collection of samples of water for bacteriological

examination from dairy farms in nearby States, and the collection of samples of milk on the same day from several institutions such as hospitals, at the time of its delivery, when such institutions are located at widely separated points. In all collections where prompt delivery of the specimen into the laboratory is required, the automobile has increased the efficiency of the service. With the limited force of inspectors, prompt transportation from place to place is essential. The lack of the means of such prompt transportation is especially evident when the automobile is being used by the sanitary inspection service of this department in its allotted time. There is urgent need for an automobile to be assigned to this service at all times, as there have been occasions when certain work could not be done at the time when it would have best served the public, since the means of prompt transportation required in this work was not available. I urgently recommend that an automobile for the exclusive use of the food inspection service be requested.

Respectfully submitted.

R. S. WILSON,
Chief Food Inspector.

APPENDIX C.

REPORT OF THE CHEMIST.

JULY 31, 1915.

SIR: I have the honor to submit the following report relative to the work performed in the chemical laboratory for the fiscal year ended June 30, 1915:

During the year there were examined a total of 9,386 samples, as follows:

Health department, examinations for:		
Candy.....	88	
Drugs.....	249	
Foods.....	8,602	
Sirups, flavoring.....	62	
Water.....	282	
Miscellaneous.....	27	
		9,310
Police department, examinations for.....	64	
Purchasing officer, examinations for.....	12	
		76
		9,386

A tabulated statement, in detail, of the above articles appears as an appendix to this report. See page 85.

The following statement shows the places where the samples of milk were collected during the year, the number and percentage from each place, and the percentage found below standard, during the fiscal year 1915:

Sources of samples of milk collected, the number from each source, and the percentage below standard during the fiscal year 1915.

	Number collected.	Per cent of total collections.	Below 3½ per cent butter at.	3 per cent and below.
			<i>Per cent.</i>	<i>Per cent.</i>
District of Columbia dairymen.....	1,535	20.78	6.64	0.71
Stores, lunch rooms, etc.....	221	2.99	3.94	14.93
Wagons from—				
Maryland.....	502	6.79	6.97	.39
Virginia.....	490	6.63	7.34	.40
Union Station, from Maryland farms.....	2,339	31.67	7.65	1.11
Stations, from Virginia farms.....	2,265	30.67	7.15	.66
Union Station, from other States.....	33	.44		
Total.....	7,385			

Places where samples of cream were collected during the fiscal year 1915, the percentage of those found below standard and the percentage of those containing 18 per cent and less of butter fat.

	Number collected.	Per cent of total collections.	Below 20 per cent fat.	Below 18 per cent fat.
District of Columbia dairymen.....	317	38.61	<i>Per cent.</i> 47.95	<i>Per cent.</i> 17.03
Stores, lunch rooms, etc.....				
Wagons from—				
Maryland.....	21	2.55	71.42	.....
Virginia.....	1	.12	100.00	.....
Union Station, from Maryland.....	347	42.26	32.27	17.20
Stations, from Virginia.....	128	15.59	62.50	.....
Union Station, from other States.....	7	.85	.....	.....
Total.....	821	.....	.....	.....

Percentages of milk and cream containing less than the legally required amount of butter fat, and the percentage of samples of milk containing added water, annually, during the five fiscal years ending June 30, 1915.

Fiscal year.	Cream containing less than 20 per cent butter fat.	Milk containing less than 34 per cent butter fat.	Milk containing added water.
	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
1911.....	66.42	7.74	1.74
1912.....	70.07	3.44	1.20
1913.....	64.92	4.89	.63
1914.....	48.27	4.69	.97
1915.....	57.73	7.71	.76

Prosecution for the sale of milk below standard, milk containing added water, and milk containing foreign matter, and cream below standard in the District of Columbia, during the fiscal year ending June 30, 1915.

Source of samples.	Prosecu- tions.	Results.			Pending June 30, 1915.
		Nolle- pros.	Tried.		
			Personal bonds.	Fines.	
Resident milk dealers	13			(1) \$5	12
Stores, lunch rooms, etc	32	1	1	(5) 35	25
By rail from—					
Maryland	41			(31) 170	10
Virginia	23			(12) 55	11
By wagon from—					
Maryland	3			(1) 10	2
Virginia	3			(3) 20	2
	115	1	1	(53) 295	60

NOTE.—Action was suspended in 57 cases during the year.

ANALYSIS OF WATER.

Two hundred and eighty-two samples of water were examined during the year, as follows:

Sources.	Total samples examined.	Good.	Suspicious.	Condemned.
Dairy farms.....	123	76	7	40
Municipal bathing pools.....	4	4		
Other bathing pools.....	4	4		
Private wells.....	63	35	4	24
Public schools.....	17	17		
Public wells.....	71	58	3	10
Total.....	282	194	14	74

Of the samples of water from wells on dairy farms, 61.78 per cent showed no evidence of injurious contamination, 5.69 per cent were classed as suspicious, and 32.52 per cent were condemned. From the municipal and other bathing pools none showed evidence of injurious contamination. From private wells, 55.55 per cent showed no evidence of injurious contamination, 6.34 per cent were classed as suspicious, and 38.09 per cent were condemned. From public wells, none showed evidence of injurious contamination. From public school wells, 81.69 per cent showed no evidence of injurious contamination, 4.22 per cent were classed as suspicious, and 14.08 per cent were condemned.

BUTTER.

Of the 56 samples of butter analyzed, 5 were found to be adulterated in that they failed to contain a sufficient amount of fat. In one instance only did the deficiency justify a reference of the case to the prosecuting attorney. This case is now pending in the court.

Chemical standards for butter.—An act relating to the adulteration of foods and drugs in the District of Columbia, approved February 17, 1898, provides that butter is deemed to be adulterated "if it contains more than twelve per centum of water, more than five per centum of salt, and less than eighty-three per centum of fat." Circular No. 19, United States Department of Agriculture, entitled "Standards of Purity for Food Products," defines butter as follows:

1. *Butter* is the clean, nonrancid product made by gathering in any manner the fat of fresh or ripened milk or cream into a mass, which also contains a small portion of the other milk constituents, with or without salt, and contains not less than eighty-two and five-tenths (82.5) per cent of milk fat.

2. *Renovated butter, process butter*, is the product made by melting butter and reworking, without the addition or use of chemicals or any substances except milk, cream, or salt, and contains not more than sixteen (16) per cent of water and at least eighty-two and five-tenths (82.5) per cent of milk fat.

Classification of butter.—The butter sold in the District of Columbia may be grouped into three classes: "Creamery" butter, "process" butter, and "country" butter, or that made in the old-fashioned way, by hand.

Creamery butter.—Approximately 85 per cent of the butter sold here is creamery butter. Eighty per cent of the butter sold in retail stores is in 1-pound prints, wrapped in parchment paper. It is estimated that 80 per cent of this class of butter comes from the Western States, as Minnesota, Michigan, Wisconsin, and Ohio. A comparatively small portion comes from Pennsylvania and New York.

There is one creamery located in the District of Columbia, which had an output last year of 1,000,000 pounds or 2,739 pounds per day. The entire output was sold here.

Process butter.—Of the total amount of butter sold in this city, approximately 10 per cent is process butter.

Country butter.—This class represents about 5 per cent of the total amount and is procured from the adjoining States of Maryland and Virginia.

Attention is invited to the following tabulated statement showing the percentage composition of creamery butter and country butter, samples of which were procured from stores about the city and from the markets.

Practically every variety of creamery butter on sale here is represented in the table.

Percentage composition of creamery butter.

Sample No.	Water.	Fat.	Salt.	Casein.
	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
20302K.....	12.32	84.21	2.62	0.85
20303K.....	12.06	84.83	2.37	.74
20304K.....	15.11	78.58	5.04	1.27
20305K.....	7.89	89.99	1.18	.94
20306K.....	13.36	83.36	2.33	.95
20307K.....	11.96	85.57	1.60	.87
20308K.....	13.61	83.58	1.62	1.19
20309K.....	14.91	82.85	1.26	.98
20310K.....	14.68	83.45	.85	1.02
20311K.....	14.01	83.42	2.07	1.50
20312K.....	12.74	83.86	1.93	1.47
20313K.....	11.97	86.00	.94	1.09
20314K.....	15.42	80.00	.85	3.73
20480K.....	10.27	86.21	2.75	.77
20481K.....	8.47	88.87	1.95	.71
20489K.....	9.33	88.43	.89	1.35
20490K.....	12.55	82.66	3.93	.86
20491K.....	8.83	88.69	1.66	.82
20492K.....	14.86	79.98	3.51	1.65
20495K.....	9.44	88.56	.91	1.09
20496K.....	9.09	87.78	2.36	.77
20497K.....	12.52	83.40	3.07	1.01
20498K.....	12.04	83.77	3.33	.86
20499K.....	11.70	87.35	1.09	.86
Maximum.....	15.42	89.99	5.04	3.73
Minimum.....	7.89	78.58	.85	.71
Mean.....	12.05	84.58	2.13	1.09

¹ Unsalted butter. Figure represents ash content. Not included in average for salt.

Percentage composition of "country" butter.

Sample No.	Water.	Fat.	Salt.	Casein.
	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
20301K.....	10.94	87.29	10.08	1.69
20451K.....	8.31	88.21	2.52	.96
20454K.....	9.02	87.97	2.16	.85
20455K.....	5.28	91.10	2.69	.93
20456K.....	9.77	86.73	2.26	1.24
20457K.....	12.57	86.36	1.11	.96
20458K.....	13.99	81.06	4.04	.91
20459K.....	7.18	88.46	3.16	1.20
20462K.....	7.68	87.91	2.81	1.60
20463K.....	10.90	82.52	5.04	1.54
20464K.....	9.98	87.72	1.25	1.05
20465K.....	8.35	88.89	1.59	1.17
20480K.....	11.74	80.52	5.84	1.90
20481K.....	12.31	83.73	1.71	2.25
20482K.....	10.03	82.95	5.69	1.33
20483K.....	10.88	84.58	3.37	1.17
20484K.....	9.98	86.14	2.64	1.24
20485K.....	9.95	85.56	3.17	1.32
20486K.....	11.51	85.17	1.87	1.45
20487K.....	8.79	84.64	5.04	1.53
20488K.....	9.57	87.46	1.81	1.16
20493K.....	15.21	80.32	3.26	1.21
20494K.....	9.89	86.53	2.26	1.32
Maximum.....	15.21	91.10	5.84	2.25
Minimum.....	5.28	80.32	1.25	.85
Mean.....	10.16	85.73	3.05	1.31

¹ Unsalted butter. Figure represents ash content. Not included in average for salt.

The analysis of one sample of process butter, I. S. No. 20451K, resulted as follows: Water, 10.57 per cent; fat, 82.81 per cent; salt, 4.92 per cent; casein, 1.72 per cent.

Total samples collected 49; 24 creamery butter, 23 "country" butter, and 2 process butter.

It will be noted that the country butter contains a little more fat and a little less water than the creamery butter, yet when the two classes are compared for the purpose of determining their relative food value the important factor of flavor must not be overlooked. Country butter is, as a rule, rather "strong" in flavor and not as palatable as creamery butter.

Standard.—I am of the opinion that the standard for butter is a little too high, and should be amended as follows: Butterfat, not less than 80 per cent; moisture, not more than 16 per cent; salt, not more than 4 per cent.

MISCELLANEOUS ANALYSES.

Camphor, spirits of.—One hundred and five samples of spirits of camphor were procured by this department and subjected to analysis for the purpose of determining the camphor and alcohol content.

The United States Pharmacopœia requires that 100 grams of camphor shall be contained in 1,000 cubic centimeters of spirits of camphor. Of the number examined, only 8½ per cent contained the required amount. Forty-seven and six-tenths per cent contained less than the required amount, and 43.8 contained more. Forty-seven samples contained from 8 to 10 per cent of camphor, 37 samples contained from 10 to 12 per cent; 3 samples contained less than 8 per cent, and 9 samples contained more than 12 per cent.

The amount of alcohol entering into the preparation was misstated in two instances (the amount given in one instance being 10 per cent and in the other 98 per cent).

In 10 instances the labels failed to state the presence of alcohol in the preparation. This last-named violation of the law was due either to carelessness or ignorance of the law.

Inquiry has developed the fact that in many instances drug stores are not equipped with suitable metric weights and measures. As all formulæ in the Pharmacopœia are expressed in terms of metric weight and measure, the druggist not so equipped must transpose the weights and measures given in the Pharmacopœia to the so-called apothecary's, or *avoirdupois*, weights and measures, thereby introducing a very likely source of error.

The directions given in the Pharmacopœia for making spirit of camphor are as follows: Dissolve the camphor (100 grams) in 800 cubic centimeters of alcohol, filter through paper, and pass enough alcohol through the filter to make the product measure 1,000 cubic centimeters.

Of the 24 cases of adulteration in which prosecution was recommended, 5 were referred for prosecution, with the result that a fine of \$10 was imposed in each case. Of the remaining number, action was suspended in 5 cases, while no action was taken in 14 cases because of a clerical error in notices of hearing issued to the vendors.

Candy.—In the examination of candy, special attention was given to the presence of unlawful "fillers" and the use of dyes containing poisonous substances, such as arsenic, zinc, lead, etc. None was found.

Cheese.—Inspectors of the health department purchased 76 samples of cheese in various sections of the District for chemical analysis. Of these samples, 69 were above the required standard, and some considerably so. Seven were below, some but slightly, indicating either that the cheese had been poorly made or that skimmed milk or milk of a poor grade had been used in part, and one was so extremely low in milk fat as to indicate that it was skimmed-milk cheese, although it had not been so sold. Aside from the variations in the quantity of milk fat, no other adulterations were found. As a result of the examination of the 76 samples of cheese, 5 cases were recommended for prosecution and are now pending.

Cider.—Of the 5 samples of cider examined, 3 were found to be adulterated in that they contained benzoate of soda, the presence of which was not declared on the barrel. One case was prosecuted, a fine of \$25 being imposed. As to the remaining 2, the inspector purchasing the samples could not prove the sale, therefore no prosecutions were instituted.

Cream of tartar.—Twenty samples of cream of tartar were subjected to tests for purity as laid down in the United States Pharmacopœia, special attention being given as to the presence of lead and arsenic. No adulterants were found.

Iodine, tincture of.—Of the 86 samples of tincture of iodine examined, 21 were adulterated. Of the adulterated samples, 19 varied from the standard laid down in the United States Pharmacopœia, some containing no iodide of potash, others a deficiency of iodine, or of iodide of potash, or both, and others a large excess of one or the other of the aforesaid ingredients or both. Of the remaining two,

one was misbranded in that the label bore no statement as to the alcohol content, and the other bore a label incorrectly stating the amount of alcohol in the tincture. Prosecution was recommended, with the result that 11 cases were referred to the United States attorney for the District of Columbia for prosecution, and action suspended in the remaining 10 cases. Of the 11 cases referred for prosecution, a fine of \$10 was imposed in each of 10 cases, while in the remaining case a fine of \$5 was imposed.

Lard.—Of the 84 samples examined, 18 were found to be adulterated in that they contained cottonseed oil and beef stearin, or beef stearin alone. These cases were referred for prosecution with a result that a fine of \$5 was imposed in each of two cases, while the remaining 16 cases are pending.

One sample purchased was found to be short weight. This case was referred to the office of the superintendent of weights, measures, and markets.

Magnesia, effervescing solution of citrate of.—Of the 20 samples examined, 11 were adulterated in that they did not meet the standard laid down in the United States Pharmacopoeia. Because of the uncertain character of the preparation, it was deemed advisable to issue a warning to the druggists to exercise more care in its preparation. No recommendation for prosecution was made.

Pepper.—Of the 81 samples of pepper examined, only one was found to be adulterated. This one contained added pepper shells. The case was referred for prosecution, and, as yet, no disposition has been made of it.

Water, toilet.—Of the 6 samples of toilet water examined, 2 were found to contain methyl alcohol. These preparations were manufactured by the same firm, a New York concern having branch houses in many foreign countries. This department advised the manufacturer that the sale in the District of Columbia of such preparations was in violation of an act to regulate the practice of pharmacy. The manufacturer promptly withdrew the objectionable stock from this market and substituted preparations containing grain alcohol therefor.

Sanitary survey of the John Eaton School building, Cleveland Park.—In response to a complaint concerning the heating and ventilation of this building certain tests were made on February 9, 10, 11, and 12 for the purpose of determining the effectiveness of the system of heating and ventilation in operation.

This system consists of three Smead furnaces, 1908 model, set in a single battery, with forced circulation of air. Air is circulated by a 6 by 9 Sturtevant double-inlet bottom, horizontal-discharge fan. The fan is belt driven by a $7\frac{1}{2}$ horsepower single phase, 60 cycle, alternating current, induction motor with a speed of 116.5 revolutions per minute, and by a 5 horsepower Otto gas engine of 180 revolutions per minute. The two fan pulleys are 24 inches in diameter; motor pulley 4 inches and gas engine pulley 20 inches.

Ventilating system: This consists of a series of vent ducts leading from the rooms to the foul-air chamber located in the attic. The movement of air through the ducts is controlled by gravity. Ducts open into the foul-air chamber which empties into an overhead duct and is separated from it by a large damper, the latter being controlled by extension chains leading to the fan-discharge chamber in the basement.

In the basement and rooms other than class rooms, the system is set to remove five times the volume of air in rooms in the course of an hour.

As a result of the examination, it was found that the system was not being operated properly, the rooms being overheated in some instances, and, at the same time, receiving a deficient supply of fresh air. This condition very materially lowered the relative humidity causing undue dryness of the atmosphere. When hot dry air strikes the body, it rapidly absorbs moisture therefrom and causes a rapid lowering of body temperature through radiation of heat, with attendant chilly sensations. The individual may feel hot and cold in rapid succession, yet the temperature of the room may be about normal. When this condition obtains, there is usually an appeal for more heat, with a resulting further decrease of moisture and increasing discomfort.

The person charged with the operation of the system was unfamiliar with the work. Measures were taken to have this person receive proper instructions and practical demonstrations.

On February 25 and 26 a reinspection of the building was made, with the result that a marked improvement in heating and ventilating was noted, but the effectiveness of this system will always depend, in a large measure, upon the skill and care with which it is operated.

A report in detail of the survey has been submitted.

EXAMINATIONS FOR THE POLICE DEPARTMENT.

Beer.—The samples of beer, 15 in number, were analyzed for the purpose of determining whether the alcohol content exceeded 2 per cent by weight. In no instance did the alcohol content reach the 2 per cent limit.

Cocaine.—Four of 10 samples taken from peddlers of the "dope" were subjected to analysis for the purpose of identifying the material as cocaine. The samples were cocaine. The peddlers were arrested, but the cases against them have not yet been tried. The remaining 6 samples were purchased from a physician, alleged to have been sold in violation of the pharmacy law. This case has not yet been brought into court.

Clothing.—Among the articles of clothing examined was a child's dress bearing stains suspected to be seminal. Microscopical examination of the stains revealed the presence of spermatozoa. The assailant was convicted and sentenced to the penitentiary for a term of 15 years.

Hair.—A sample of hair was examined for the purpose of determining whether it was human or hair of some lower animal. This examination was made in connection with an investigation concerning the death, by violence, of a member of the police department. The examination showed the hair to be that of a cow.

Ice cream.—A sample of ice cream suspected to contain poison was analyzed with the result that no poisonous substance was found therein.

Jam.—A sample of jam suspected to contain oxalic acid was examined, but no oxalic acid or other poison was found.

Meal.—A sample of meal suspected to contain poison was analyzed and found to contain arsenic. A colored woman was charged with

having thrown the meal into a neighbor's yard, and so killing chickens. At the trial the charge was not sustained.

Medicine.—Two samples of alleged medicine sold by a "Voodoo" doctor were examined, with the result that the "doctor" was prosecuted for practicing medicine without a license. He plead guilty and sentence was suspended.

Another sample of medicine, known as "Wheeze-no-more," was suspected to contain narcotics. Analysis failed to show the presence of such drugs.

Morphine.—Three samples of tablets, labeled "Morphine sulphate, $\frac{1}{2}$ grain," were purchased from a physician by an alleged morphine addict. The analysis showed each tablet to contain $\frac{1}{2}$ grain morphine sulphate, and in all there were about 300 tablets. The physician was arrested and charged with a violation of the pharmacy law. The trial was by jury and a verdict, based on the alleged failure of the prosecution to prove that the purchaser was an addict, was rendered in favor of the defendant.

Eleven samples of powder suspected to be morphine were examined and the powders identified as morphine sulphate.

In one instance the defendant was fined \$200, or nine months in jail, for illegally selling the drug.

Five samples represented another case, which resulted in the discharge of the defendant because the sale of the drug was not proved. The remaining cases are pending.

Opium.—A sample of opium prepared for smoking was identified as such, and a Chinaman charged with selling the drug forfeited \$100 collateral.

Paper.—A certain fish dealer conceived the idea of improving the appearance of the gills of fish he had on sale by coloring them red. For this purpose he used a decoction of red crepe paper. The dye, on analysis, was found to be Ponceau Red 4B. The dealer was fined \$10.

Punch.—A sample of punch sold at a social gathering was examined and found to contain 10.71 per cent absolute alcohol by weight. In this case the defendant was charged with selling an intoxicating beverage, and his personal bonds were taken by the court.

EXAMINATIONS FOR THE PURCHASING OFFICER.

Flour.—Four samples of flour on which bids had been submitted were examined and the results of the analyses follow:

	Moisture.	Ash.	Crude fiber.	Protein (NX 5.7).	Moist gluten.	Dry gluten.	Nitrogen free extract (starch, etc.).	Ether extract (fat, etc.).	Acidity, as lactic.
Item 35: (Winter) Patent in wood, \$6.90 per barrel.....	P. ct. 12.67	P. ct. 0.42	P. ct. 0.16	P. ct. 8.03	P. ct. 26.16	P. ct. 9.68	P. ct. 77.62	P. ct. 1.10	P. ct. 0.09
Item 36:									
(Spring) Baker's Patent, \$6.45 per barrel.....	12.56	.48	.51	10.87	44.06	14.77	74.32	1.26	.162
(Spring) Baker's Patent, \$6.95 per barrel.....	12.57	.57	.26	11.16	41.11	14.62	73.75	1.69	.189
Item 37: Patent blended, winter and spring for baker's use, \$7.35 per barrel..	12.19	.54	.13	10.95	43.17	14.01	74.85	1.34	.153

NOTE.—Item 36 contains four-tenths part nitrous nitrogen per million and has a gasoline-color value of 0.38. This indicates either that this flour has been bleached with nitrogen peroxide or has been stored under conditions permitting the absorption of nitrous acid.

Oleomargarine.—Eight samples of oleomargarine were examined and the results follow:

Composition of oleomargarine in per cent, by weight.

Brand.	Fat.	Water.	Casein, etc.	Salt.
A—No. 1.....	90.05	6.51	1.09	2.35
No. 2.....	84.83	9.56	1.35	4.26
B.....	85.73	9.29	1.43	3.55
C—No. 1.....	86.03	8.83	1.29	3.85
No. 2.....	85.91	8.30	1.93	3.86
D—No. 1.....	87.73	9.00	.95	2.32
No. 2.....	85.61	10.76	1.53	2.10
No. 3.....	83.74	9.54	1.95	4.77

A comparison of the chemical composition of the samples of oleomargarine above mentioned, with the prices quoted for same by the various bidders, has been made. Since the fat is the chief nutritive ingredient of oleomargarine, the purchase of the product on the basis of fat content is advisable. Below is a tabulated statement of the cost per pound of fat of the samples mentioned above, based on a consideration of the chemical composition and prices quoted for the various samples:

Price per pound of fat.

Dealer and brand.	Cost per pound.
A—No. 1.....	\$0.1414
No. 2.....	.2121
B—No. 1.....	.1574
No. 2.....	.1399
C—No. 1.....	.1976
No. 2.....	.1859
No. 3.....	.1455
No. 4.....	.1338
D—No. 1.....	.1937
No. 2.....	.1453
No. 3.....	.1247

During the past year the laboratory force has been increased by the addition of a skilled laborer, a help sorely needed for many years. The presence of a skilled laborer in the laboratory has made it possible for the chemist and assistant chemist to perform a wider variety of work and to do more effective work, without necessitating the neglect of the routine milk and cream examinations. All samples held for prosecution have been analyzed in duplicate by the chemist and assistant chemist, thus making the case stronger than if one or the other alone had analyzed the material in question. Sanitary surveys of the John Eaton School building, covering a period of approximately two weeks, and several rooms in the District Building, were made without stopping the daily collection and analysis of milk and cream. The assistant chemist has been enabled to carry on a study of a chemical method for distinguishing raw and pasteurized milk. The number of miscellaneous samples analyzed during the fiscal year ended June 30, 1914, was 716, while during the present year there were analyzed 1,180, an increase of 464 samples, or over 64 per cent. Here is demonstrated conclusively what the presence of a

skilled laborer has meant. It has meant more diversified and more efficient service to the public.

The diminution in the number of milk and cream samples analyzed this year was due only to the fact that more samples were not collected.

RECOMMENDATIONS.

1. An increase in the salary of the assistant chemist from \$1,200 to \$1,600 is again recommended. The reasons for this increase are the same as those advanced last year and explained in detail. It seems superfluous to enumerate them again.

2. That an appropriation of \$1,000 be requested for the purchase of apparatus and equipment and maintenance of laboratory.

3. That an appropriation of \$500 be requested for the purchase of reference books, journals, periodicals, etc.

Respectfully,

R. L. LYNCH, Phar. D., M. D.,
Chemist.

WILLIAM C. WOODWARD, M. D.,
Health Officer, District of Columbia.

APPENDIX D.

REPORT OF BACTERIOLOGIST.

SEPTEMBER 8, 1915.

Dr. WILLIAM C. WOODWARD,
Health Officer, District of Columbia.

DEAR SIR: I have the honor to submit the following report of the operations of the bacteriological laboratory for the fiscal year 1914-15:

GENERAL SERVICE.

The total number of examinations made was 8,356; 6,433 related to contagious diseases and 1,923 to milk, cream, ice cream, water, ice, etc. The examinations are tabulated below in periods of six months each.

	July to December, 1914, inclusive.			Jan. 1 to June 30, 1915, inclusive.			Grand total.
	Posi- tive.	Nega- tive.	Total.	Posi- tive.	Nega- tive.	Total.	
Diphtheria:							
Primary.....	195	890	1,085	118	1,272	1,390	2,475
Secondary.....	205	390	595	155	553	708	1,293
Sputum for tubercle bacillus.....	204	507	711	285	842	1,127	1,838
Typhoid Widal reaction.....	142	243	385	52	170	222	607
Typhoid urine and feces.....	0	2	2	0	1	1	3
Malaria ¹	7	110	117	4	59	63	180
Ophthalmia ²	6	15	21	4	9	13	34
Meningitis.....	1	0	1	0	0	0	1
Milk and cream.....			845			826	1,671
Milk for tubercle bacillus.....	1	53	54	1	53	54	108
Water and ice.....			40			104	144
Leprosy.....	1	0	1		0	0	1
Miscellaneous.....						21	21
Total.....			3,847			4,509	8,356

¹ 12 carriers.

² 11 cases diagnosed as malaria were typhoid.

³ 4 cases found to be typhoid.

⁴ In 11 positive no sphenol used, in 1 infection occurred 7 days after birth.

⁵ No sphenol used.

The number of primary cultures, positive for diphtheria bacilli, was 313; 25 of these were carrier cases; this would give at most 288 clinical cases, which I think somewhat higher than the number actually occurring because it is believed that a few carrier cases have been included. The 25 cases occurred in institutions, and about which there can be no question as to their character.

Only 10.2 per cent of the cases which gave a negative culture became positive on the second culture. This shows an improvement as compared with those of the preceding year, when it was 19 per cent. This number is yet too large to be ignored, if the nega-

tive culture is considered of value in the release of the cases of diphtheria from quarantine. I am thoroughly in accord with McDonald, who says "the control of diphtheria is the control of the carrier." This certainly is borne out in our treatment of institutional diphtheria here in the District of Columbia. My recommendation made to you in August, 1911, regarding the better control of diphtheria is again respectfully urged.

EXAMINATION OF SPUTUM.

Examinations of sputa for the tubercle bacillus shows a slight increase, but is far from satisfactory. The total number of examinations made was 1,556. Of these, 469 were positive. Contrasting this with the number of reported cases of pulmonary tuberculosis, for the same year, would indicate that as many as two-fifths were reported on clinical and physical evidence alone. This would also suggest that these reported cases are more than probable those in the second or last stage of the disease, and are in most part dangerous cases. If, therefore, resort was had to a sputum examination at an early date, it would be advantageous to the patient, and to the protection of the community. If sputum examinations are to be of greatest service, they should be employed earlier than is the custom now.

TESTS FOR WIDAL REACTION.

There has been an increased number of blood specimens sent in for Widal reaction than the previous year with the result that many of these give a positive reaction. A few physicians sent in such specimens in 1911, a few more in 1912, and since then it has been gradually growing. These examinations show conclusively that typhoid fever infects the children here just as it does in other communities.

OPHTHALMIA OF INFANTS.

Since August, 1911, sophol packages have been issued to the midwives with instructions, both oral and written, to use the sophol solution in the eyes of every child delivered by them.

It has worked very satisfactorily for the past four years. Since 1911, 2,799 children have been delivered by midwives. Among this number 21 cases of ophthalmia have been apprehended. In none of these was sophol used.

EXAMINATIONS FOR MALARIA.

Malarial infections were few. In 11 cases, the blood showed no parasites, but gave a Widal reaction.

EXAMINATION OF MILK.

The usual number of examinations of milk and cream has been carried on. On the whole, the milk supply has shown an improvement as to the bacterial content, a larger proportion of the milk having been pasteurized, and the raw milk better handled. The campaign against tuberculous milk has been continued, with good results, as the number of infected herds, found this year by inoculation tests, was 2 as compared with 5 found in the previous year.

LABORATORY EQUIPMENT.

The laboratory has been equipped with new apparatus, and several apparatus have been replaced. The question which now troubles us most is the lack of room.

RECOMMENDATIONS.

I again respectfully renew my recommendations regarding the supply of antityphoid vaccine and diphtheria antitoxin to the residents of the District of Columbia, and have at another place submitted an estimate for the above. With reference to the issuance of antityphoid vaccine, I feel sure that we need no further law or appropriation than now exists.

Respectfully submitted.

J. J. KINYOUN, *Bacteriologist.*

APPENDIX E.

REPORT OF VETERINARY INSPECTOR ON OUTBREAK OF FOOT-AND-MOUTH DISEASE.

AUGUST 16, 1915.

Dr. WILLIAM C. WOODWARD,
Health Officer, District of Columbia.

DEAR SIR: I beg leave to submit the following report on two outbreaks of foot-and-mouth disease which occurred in the District of Columbia during the months of November, 1914, and February, 1915:

This disease appeared in October, 1914, on two farms in Maryland, one near Germantown and the other near Sandy Springs, and was spread through the shipment of western feeding cattle. Another shipment of infected western feeders developed the disease at Waterford, Va., near Washington, at a later date.

On November 11, 1914, Inspector J. P. Turner, veterinarian, was detailed to take charge of matters relative to the prevention of this disease in the District.

On November 14, 1914, the health officer prepared regulations for the suppression of this disease; these were given wide publicity, and special instructions were issued to the veterinary inspectors of the health department and to the members of the Metropolitan police.

A conference of veterinarians of the District of Columbia, Virginia, and Maryland was called to consider sanitary police measures relative to foot-and-mouth disease; this meeting was held in the Municipal Building and was productive in bringing about cooperation between practicing veterinarians and those in official control.

The regulations prohibited the importation into the District of Columbia of all cloven hoofed animals, hay, straw, fodder, and hides, from infected areas, and this order was rigidly enforced by this office and the Metropolitan police.

Hay, straw, fodder, and hides from points outside the District of Columbia not quarantined were allowed to be shipped into the District, provided a permit was secured from the health officer or Chief of the Bureau of Animal Industry.

On November 15, 1914, Inspector R. R. Ashworth, veterinarian, of this office, reported a cow with suspicious foot lesions on the dairy farm of Mrs. Minnie Thompson, Brentwood Road, Langdon, D. C.

On November 16, 1914, Drs. Mohler and Eichorn confirmed the diagnosis of foot-and-mouth disease. The same day the health officer quarantined this farm and prohibited the sale of milk therefrom. Watchmen were stationed on this farm continuously from this date until all the cows were slaughtered and the premises and barns were disinfected by the health department. Twenty cows on this farm were slaughtered under Federal inspection. Public water troughs in the vicinity were closed and disinfected and neighboring herds were confined to their barns and kept under observation for several weeks.

A cow belonging to a neighbor developed this disease, was slaughtered, buried, and the premises disinfected.

On February 23, 1915, Inspector Ashworth reported two sick cows on the dairy farm of Lemuel Mayhew, Nineteenth and C Streets NE., which were showing symptoms of foot-and-mouth disease. The Bureau of Animal Industry detailed Dr. Ward to investigate; he confirmed Dr. Ashworth's diagnosis of foot-and-mouth disease.

Watchmen were put on duty February 23, 1915, and maintained until March 3, by which time the cows (24) had been slaughtered and buried and the premises disinfected.

Cows have not been on the Thompson farm since this outbreak.

The Bureau of Animal Industry has permitted the restocking of the Mayhew farm and up to this date the disease has not reappeared.

Foot-and-mouth disease occurred at the Union Stock Yards, Benning, D. C., among western hogs intended for slaughter. The yards were promptly quarantined and disinfected by the Bureau of Animal Industry.

All veterinary inspectors of the health department were furnished rubber clothing and disinfectants to prevent their spreading this disease among dairy farms.

Inspectors Ashworth and Rome were relieved from dairy farm inspection, temporarily, on account of exposure to foot-and-mouth disease.

This department purchased a disinfecting spray-pump which rendered valuable service at this time and has since been in use disinfecting cow barns and hog pens where other contagious diseases have appeared.

It is believed that the quick suppression of foot-and-mouth disease in the District of Columbia was due to the prompt and efficient measures taken by this department, especially in the matter of complete segregation of infected premises and the use of guards to keep inquisitive persons from carrying this infection from farm to farm.

Very respectfully,

J. P. TURNER, V. M. D.,
Inspector.

APPENDIX F.

REPORT OF CHIEF SANITARY INSPECTOR.

JULY 15, 1915.

DR. WILLIAM C. WOODWARD,
Health Officer, District of Columbia.

DEAR SIR: I have the honor to submit the annual report relative to the operation of the sanitary inspection service during the fiscal year ended June 30, 1915. Tables are appended, showing the work done by the sanitary inspection service during the year named. (See pp. —.)

The sanitary inspection force, exclusive of the inspectors provided for the enforcement of the eight-hour law for females, was organized as follows: One chief sanitary inspector, \$1,800; eight inspectors at \$1,200; two inspectors at \$1,000; and two inspectors at \$900; total force, 13, and total salaries, \$15,200.

The following is a summary of the work performed in the sanitary inspection service:

Summary.

Complaints acted upon.....	6, 919
Inspections on complaint.....	13, 272
Reinspections.....	23, 667
Official calls other than calls made for the service of a notice outside of assigned inspection districts.....	17, 134
Notices served outside of assigned inspection districts.....	2, 414

Number and character of places inspected of which no complaint was made and not included in the original inspections.

Baby farms.....	34
Barber shops.....	1, 605
Cemeteries.....	35
Hospitals and asylums.....	137
House to house.....	10, 545
Lodging and tenement.....	169
Laundries.....	1, 452
Playgrounds.....	42
Printing offices.....	188
Privies.....	2, 413
Public baths.....	20
Public buildings.....	74
Public schools.....	614
Sewage-disposal systems.....	220
Stables.....	1, 534
Tailor shops.....	324
Theaters.....	66
Undertaker establishments.....	3
Unclassified inspections.....	70
Total.....	19, 545

Violations of laws and regulations for the prevention and abatement of nuisances were reported in 12,057 instances. Action was taken to correct the conditions found, and 11,628 cases were corrected

prior to the close of the fiscal year. The difference, 429, represents the number of cases for which notices were outstanding when the year ended.

Informations were filed in the police court against 180 persons, charging violations of the laws and regulations relating to the public health, exclusive of the smoke law. These cases were disposed of as follows: Nolle prosequi was entered in 129 cases, 8 cases were dismissed, personal bonds were taken in 13 cases, collaterals forfeited in 6 cases, and fines were imposed in 3 cases. The amount of fines and the collateral was \$49. There were 21 cases pending at the close of the year. The cases nolle prossed by the assistant corporation counsel were so disposed of because the nuisances for the maintenance for which the defendants were charged had been abated before the cases were called for trial, although after the cases had been submitted for prosecution. Inspectors' time spent in the police court amounted in all to 24½ working-days.

Under the assessment system, 269 notices were served on nonresident owners for the abatement of nuisances on property owned by them in the District of Columbia. In all but 7 cases such nuisances were abated by the owners, without the necessity for further action by the commissioners. In 6 of these cases in which the abatement was not done by the owners, the District caused the necessary work to be done, at a cost of \$20, which was assessed as a tax against the property upon which the nuisances had existed. One case, referred to the commissioners on June 30, 1915, for authority to have the work done and the cost assessed as a tax against the property was pending at the close of the year.

Registration of stables, barber shops, and laundries.—There were registered during the year 171 stables, 151 barber shops, 141 laundries, and 150 permanent privies, as shown below.

Stables, barber shops, laundries, and privies registered during the fiscal year 1914-15.

	Stables.	Barber shops.	Laundries.	Privies.
Registered at beginning of year.....	1,865	558	3,646	2,326
Registered during the year.....	171	151	141	150
Abandoned during the year.....		86		96
On the register at the close of year.....	2,036	623	3,787	2,414

¹ During the year a review was made of the register of box privies existing in the District, and it was found that 34 more privies existed at the close of the fiscal year June 30, 1914, than had been reported.

Stables.—During the year 1,534 inspections of stables were made, and 162 nuisances discovered. The average frequency of inspection of each stable during the year was 0.7 times. The structural and sanitary condition of stables in the District are steadily improving. With the limited number of inspectors at the disposal of the health department, it is impossible to make frequent systematic inspections of all stables. The larger portion of these inspections were made by one inspector. A public service should be established for the collection and disposal of stable refuse.

Barber shops.—During the year 1,605 inspections of barber shops were made, an average frequency of 2.5 times for each barber shop during the year. The regulations governing the maintenance of such

shops by the owners and managers thereof are being complied with generally. There were 7 prosecutions for violations of the regulations during the year.

Laundries.—Inspections of laundries during the year numbered 1,452. On account of the limited number of inspectors at the disposal of the department it was necessary to curtail the systematic inspections of laundries. The steam laundries in the district are being conducted and maintained in a very good sanitary condition, and improvement is very noticeable in the places for washing maintained by individual washermen and washerwomen since the establishment of the systematic inspection service.

Privies.—On June 30, 1915, there were registered in the District of Columbia approximately 2,414 privies, of which, however, only 137 were within the city of Washington or in the suburbs adjacent thereto. One hundred and fifty permits were issued to maintain privies during the year. Sixty-five privies were abolished under notice served by the health department, 14 were abolished by the operation of the board for the condemnation of insanitary buildings, and 12 were abolished for other causes. In 9 cases in which privies were located upon land belonging to nonresidents, the inspector of plumbing, engineer department, was requested to have the necessary sewer and water connections made under the assessment system so that the box privies might be removed. At the close of the fiscal year, 5 of the premises so referred had been so connected. There were 2,413 inspections of privies, equivalent to the inspection of each privy one time during the year. Thirty permits for the maintenance of privies temporarily during building operations or other construction work were issued.

Weeds.—Four hundred and six notices were served during the year under the provisions of the weed law, of which 56 were notices served under the assessment system. In each instance the nonresident owner caused the weeds to be cut and removed from his property. No attention was given to the enforcement of the weed law except upon complaint, and as stated in my last report, in the absence of a special force for the enforcement of the law it is impossible to enforce it as it should be enforced. Provisions should be made for the enforcement of the law or the law should be repealed.

The following statement shows the work of the sanitary inspector detailed to the enforcement of the smoke law:

Smoke inspections.

	1914	1915
Observations.....	9, 112	8, 485
Violations of law reported.....	1, 289	1, 138
Cases referred to corporation counsel.....	97	68
Cases of fines and forfeitures.....	79	52
Cases of personal bonds taken.....	14	15
Cases nolle-prossed.....	1	2
Cases acquitted.....	3	0
Cases pending.....	3	2
Amounts of fines and forfeitures.....	\$955	\$535
Plants under observation.....		335
Number of inspections of plants.....		472
Reports on investigation, complaints, and letters.....		254

During the year no violations of the smoke law were reported by the police department, under the provisions of the commissioners' order of March 22, 1911, instructing that department to cooperate with the health department in the enforcement of the law.

During the year unlawful emission of smoke from railway locomotive stacks has been the subject of complaint to this department. The law should be amended so as to include railway locomotives and steamboats in the harbor.

Assignments.—During the year sanitary inspectors were detailed for duty in the clerical service amounting to 188 days. One clerk was detailed from the clerical service to work in the sanitary service amounting to 153 days. Sanitary inspectors detailed to the food service amounted to 65½ days. Food inspectors detailed to the sanitary service amounted to 25½ days.

Contagious disease service.—The sanitary inspection force was assigned to perform duties in the contagious disease service during the year. These duties consisted of placarding houses for scarlet fever and diphtheria, and gathering histories of all reported cases of these diseases and of typhoid fever. The time consumed by them in performing this work was equivalent to 69 working days.

Registration of vital statistics.—When an infant born in the District of Columbia is reported as dead during the first year of life, the birth records are searched to ascertain whether the birth has or has not been reported. If the birth has not been reported, an investigation is made to determine whose duty it was to make the report so that the report may be obtained and action taken to prevent further derelictions by the offender. The making of such investigations is assigned to the sanitary inspection force. During the year 135 cases were investigated involving the expenditure by the sanitary inspection force of approximately seven working days for the purpose of procuring the better registration of births.

Eight-hour female labor law inspections.—This service was organized as follows: One male and two female inspectors at \$1,200 each, and one clerk at \$900; total, four employees, total salaries, \$4,500. This service is under the personal direction of the chief sanitary inspector.

The following is a summary of the work performed in the eight-hour female labor law service:

Complaints acted upon.....	273
Inspections on complaint.....	281
Official calls made.....	2, 615
Number and character of establishments inspected:	
Manufacturing.....	769
Mechanical.....	397
Mercantile.....	3, 604
Laundries.....	574
Restaurants.....	555
Telegraph and telephone.....	52
Express and transportation.....	99
Hotels.....	344
Apartment houses.....	20
Miscellaneous.....	75

Sixteen hundred and five establishments coming within the purview of the law were registered, and classified as follows: Hotels 55; laundries, 136; manufacturing, 244; mechanical, 131; mercantile,

851; restaurants, 141; telephone and telegraph, 9; express and transportation 38.

Violations of the law were reported in 33 instances. These 33 violations were referred to the corporation counsel for prosecution in the police court. In 14 of these cases the prosecuting inspector severed his connection with the service, and the department recommended that the corporation counsel take no further action in them. This action was approved by the corporation counsel, and the cases were dropped. Out of the 19 remaining cases referred to the corporation counsel, informations have been sworn to in police court in 8. There are 11 cases pending action in the corporation counsel's office. In the 8 cases referred to the police court, 1 was tried by the court and jury which resulted in a conviction and a fine of \$60 imposed. An appeal was taken by the defendant on a writ of error to the court of appeals, where the case is now pending. One case was tried by the court and a fine of \$20 imposed. There are 6 cases pending in the police court.

With but few exceptions, the establishments coming within the purview of the law are complying therewith.

Overtime.—In performing their duties during the fiscal year ended June 30, 1915, the sanitary inspectors, exclusive of the supervising officer, worked 863 hours overtime, equal to 123 working days. This extra time was done without hope of compensation.

Recommendations.—I have the honor to renew my previous recommendations that provisions be made for the collection and disposal of manure in this District, such collection and disposal to be under the supervision of the District authorities; that some provision be made that will enable the health department to enforce in a substantial manner the act to cause the removal of weeds from lands in the city of Washington, D. C.; and that the act for the prevention of smoke in the District, and for other purposes, approved February 2, 1899, be amended so as to include railway locomotives and steamboats in the harbor.

Respectfully submitted.

C. R. HOLMAN,
Chief Sanitary Inspector.

APPENDIX G.

MISCELLANEOUS TABLES.

Work done by the sanitary inspection service during the fiscal year 1914-15, with reference to nature of nuisance and date of report.

	1914						1915						Total for 1914-15.	Total for 1913-14.
	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.		
Alleys, filthy.....	21	43	10	23	15	4	23	14	14	25	40	23	255	534
Areas.....	25	31	16	11	11	6	18	13	12	17	39	33	548	287
Cellars.....	27	16	15	25	11	16	25	23	13	36	36	20	245	353
Fowls and pigeons.....	45	53	20	38	38	10	17	24	36	33	74	57	445	453
Lots:														
Filthy.....	36	18	9	20	20	9	9	14	60	100	78	27	382	768
Stagnant water.....	20	45	3	3	9	1	5	2	5	7	24	59	183	121
Manure accumulations.....	9	16	1	10	7	4	6	2	21	18	18	10	122	106
Manure receptacles.....	19	21	4	44	12	20	6	7	75	29	45	20	302	382
Plumbing defective.....	17	13	13	16	25	3	5	7	4	1	8	8	121	135
Premises unwholesome.....	30	27	22	39	28	27	39	34	19	27	40	48	382	524
Privies:														
Full.....	11	7	9	39	37	47	33	14	19	10	22	16	264	252
Leaky boxes.....	7	8	3	11	16	20	18	2	2	3	36	9	135	97
Unlawful.....	18	16	12	34	22	19	14	6	12	10	128	12	303	348
Roofs, leaky.....	5	1	8	13	11	18	33	21	.....	1	8	13	132	209
Sewer connections.....	22	12	18	12	18	4	4	2	5	4	29	12	142	110
Sewer obstructed.....	98	86	71	90	71	78	94	73	84	73	105	100	1,023	1,299
Sheds, filthy.....	135	113	70	167	123	69	165	131	198	162	182	120	1,635	1,810
Stables.....	7	16	3	16	9	8	11	10	39	9	23	11	162	277
Yards, filthy.....	303	248	132	354	292	226	394	381	440	357	400	261	3,788	4,432
Water-closets.....	8	86	73	183	121	107	166	108	82	82	137	78	1,257	1,599
Weeds.....	105	138	45	11	.....	.....	.....	.....	.....	.....	8	99	406	482
Unclassified.....	36	36	18	86	37	44	31	35	53	36	41	57	510	548

Number and character of inspections by the sanitary-inspection service during the fiscal year 1915, with corresponding data for the preceding year.

	1913-14	1914-15
Inspections not on complaint:		
Barber shops.....	1,204	1,605
Baby farms.....	1	34
Cemeteries.....	30	35
Hospitals.....	23	137
House-to-house.....	7,712	10,545
Lodging and tenement houses.....	158	169
Laundries.....	438	1,452
Printing offices.....	20	188
Privies.....	1,914	2,413
Public baths.....	.....	20
Playgrounds.....	33	42
Public buildings.....	25	74
Sewage disposal systems.....	105	220
Stables.....	1,486	1,534
Schools.....	468	614
Tailor shops.....	142	324
Theaters.....	113	66
Undertaker establishments.....	5	3
Unclassified inspections.....	25	70
Total.....	13,902	19,545
Inspections on complaint.....	20,111	13,372
Reinspections.....	23,243	23,667
Official calls.....	19,169	17,134
Notices served outside of assigned inspections districts.....	4,001	2,414
Total.....	80,426	76,032

Systematic inspections made by the sanitary inspectors during the fiscal year ended June 30, 1915.

	1914						1915						Total for 1914-15.	Total for 1913-14.
	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.		
Barber shops.....	64	116	49	294	183	141	157	106	63	55	81	296	1,805	1,204
Cemeteries.....				2				12	21				35	30
Hospitals.....	6	4	4	9	18	3	32	9	47		2	3	137	23
House to house.....	613	487	251	1,187	1,463	777	1,027	998	1,171	776	1,069	726	10,545	7,712
Lodging and tenement.....				53	7	11	10	86			2		169	158
Laundries.....	1		1	429	285	203	396	137					1,452	438
Baby farms.....					5		1	6	8	12		2	34	1
Privies.....	26	58	29	398	269	322	439	75	143	210	333	111	2,413	1,914
Public baths.....	1	2									10	7	20	
Public buildings.....				2				71					74	25
Playgrounds.....	3	3	5	1		14				13	2	1	42	33
Printing offices.....				2	5		10	1	80	51	38	1	188	20
Public schools.....	5	13	105	36	35	122	19	35	106	6	58	74	614	468
Sewage disposals.....	7	1	2	71	13	9	4	43	28	33	5	4	220	105
Stables.....	37	43	18	251	90	135	30	45	373	193	234	85	1,534	1,486
Tailor shops.....		16		58	10	1	127	82			7	23	324	142
Theaters.....				4	3	35	16	4				2	66	113
Undertaker establishments.....					3								3	5
Unclassified inspections.....	2	1	4		7	9		20	1	41	14	8	70	25

Marine products received, inspected, and condemned in the District of Columbia during the fiscal year 1915.

	Arrivals.	Inspections.	Condemnations.
Bass.....barrels..	2,214.25	2,070.25	6.25
Bluefish.....do..	685.4	662.25	9.33
Butterfish.....do..	1,989.5	1,918	34.33
Carp.....single..	17,269	16,454	144
Catfish.....bunches..	38,532	36,746	79
Croakers.....barrels..	4,383.25	4,211	35.25
Eels.....bunches..	5,864	5,616	7
Flounders.....barrels..	584.5	582.5	1.25
Herring.....single..	1,756,948	1,751,072	11,085
Jack.....do..	11,404	9,901	37
Mackerel.....barrels..	437.25	412.5	8.125
Mullet.....bunches..	2,015	1,930	4
Perch.....do..	54,940	51,751	940
Pike.....do..	4,185	3,986	9
Rockfish.....do..	40,058	37,702	133
Shad.....single..	130,114	126,013	237
Trout.....barrels..	12,681.5	12,130	95.5
Whiting.....do..	793.5	680.5	21
Oysters.....bushels..	265,855	251,851	797
Do.....gallons..	73,718	64,463	116
Clams.....barrels..	5,014	3,162	15
Crabs.....do..	5,866	5,454	456
Crab meat.....gallons..	31,007	25,012	181
Pollock.....boxes..	150	149	1
Halibut.....do..	351	343	1.2
Haddock.....do..	157	149	
Ducks.....single..	5,121	4,760	180
Soft crabs.....boxes..	674	622	6
Squibs.....barrels..	16.5	15.5	
Lings.....do..	634	594	31
Spots.....boxes..	343.5	316	5.5
Red snappers.....do..	15	15	
Drumfish.....barrels..	63.5	59.5	1.1
Salmon.....boxes..	55	55	
Smelts.....do..	231	223	
Codfish.....do..	86.5	82	10
Scallops.....gallons..	187	187	
Mud shad.....barrels..	501.75	464.75	9
Porgies.....do..	207	203	1.5
Turtles.....single..	1,267	1,239	17
Sheepshead.....barrels..	30	27.5	
Kingfish.....boxes..	179.5	176	2
Hogfish.....do..	62	60	
Shrimp.....barrels..	22.5	22.5	1.2
Sturgeon.....single..	244	223	1
Watermelons.....do..	422,995	400,740	23,979

Food other than marine products condemned in the District of Columbia during the fiscal year ending June 30, 1915.

	Con- demned by request.	Con- demned on inspection.	Total.
Beef.....pounds..	301½	713½	1,015.25
Beef kidneys.....do..	15½	15½	15.50
Mutton.....do..	62	479½	541.75
Veal.....do..	305	199½	504.50
Pork.....do..	580	744½	1,304.75
Liver.....do..	12	82½	94.50
Sausage.....do..	56	99½	155.75
Chickens.....number..	100	31	131
Turkeys.....do..	65	8	73
Ducks.....do..		3	3
Birds.....do..			
Rabbits.....do..	21	80	101
Apples.....bushels..	58½	2½	61.75
Peaches.....do..	22	6½	28.50
Plums.....do..		½	.25
Bananas.....dozen..	13,000	48	13,048
Oranges.....do..		5	5
Lemons.....do..		1,002½	1,002.50
Limes.....barrel..	2½		2.50
Grapes.....pounds..	280	48	328
Berries.....quarts..	904	255	1,159
Cantaloupes.....number..	582	855	1,437
Watermelons.....do..	2	318	320
Pineapples.....do..	3,497	3,397	6,894
Grapefruit.....do..		122	122
Beets.....bunches..	322	34	356
Celery.....do..		31	31
Carrots.....do..	700	14	714
Radishes.....do..	100		100
Lettuce.....number..	2,788	5,383	8,171
Cabbage.....do..	90	51	141
Cymbalings.....do..		78	78
Eggplants.....do..	930	260	1,190
Cauliflower.....do..	10	118	128
Cucumbers.....do..	4,675	2,040	6,715
Kale.....bushels..		4½	4.50
Spinach.....do..	6		6
Cabbage sprouts.....do..	8		8
Parsnips.....do..		518	518
Potatoes.....do..	78	189½	267.50
Peas.....do..		25	25
Beans.....do..	210	85½	295.75
Turnips.....do..		1½	1.125
Tomatoes.....do..	73½	1½	74.75
Onions.....do..		1½	1.625
Peppers.....dozen..		39½	39.25
Crabs.....single..	60		60
Crab meat.....gallons..	4	10½	14.50
Pies.....number..	3	125	128
Cakes, buns, etc.....do..		65	65
Sauerkraut.....gallons..		232	232
Cheese.....pounds..	5	506½	511.25
Eggs.....dozen..	190½	225½	415.166
Butter.....pounds..	4½	5	9.50
Fish.....number..	208	105	313
Do.....pounds..	9	419	428
Do.....barrels..	5	4½	9.75
Bacon.....pounds..		79	79
Oysters.....gallons..	15	14½	29.50
Do.....barrels..	2		2
Clams.....number..		72	72
Damsons.....crates..	4	108	112
Chinquapins.....bushels..	6½	11½	18
Pickles.....number..	200	250	450
Walnut kernels.....pounds..	10	16½	26.50
Crabs.....barrels..	2	1½	3.25
Sweet potatoes.....bushels..	151	121½	272.066
Asparagus.....crates..	84½		84.50
Chestnuts.....bushels..	2	14½	16.50
Parsley.....boxes..	10		10
Mushrooms.....baskets..	6		6
Sugar.....pounds..	201		201
Coffee.....do..	237		237
Shad roe.....number..	42		42
Milk.....gallons..	2½		2.75
Canned goods.....number..	241	415	656
Tes.....pounds..	4		4

Food other than marine products condemned in the District of Columbia during the fiscal year ending June 30, 1915—Continued.

		Con- demned by request.	Con- demned on inspection.	Total.
Chicken giblets.....	baskets	6		6
Preserves.....	pounds	60		60
Package goods.....	number	55		55
Candy.....	pounds	20	9	29
Pickles.....	barrels		11	11
Nuts.....	pounds		5	5
Beans (dried).....	quarts	29	35	64
Baking powder.....	cans	40		40
Olive oil.....	bottles	9	15	24
Macaroni.....	packages	45		45
Condensed milk.....	cans	112		112
Corn meal.....	pounds		67	67
Jelly.....	glasses		57	57
Mustard.....	jars		34	34
Vanilla.....	bottles		7	7
Salt fish.....	barrels		17	17
Fruites.....	pounds	15		15
Dried fruits.....	do		289½	289.50
Crackers.....	do			
Flour.....	do		333	333
Pickles (small).....	gallons		10	10

Pound report for the fiscal year 1915.

Months.	Animals impounded.							Disposition.						
	Horses.	Dogs.			Cats.			Grand total.	Dogs.				Cats killed.	Total.
		Captured.	Surrendered.	Total.	Captured.	Surrendered.	Total.		Killed.	Redeemed.	Sold.	Returned.		
1914.														
July.....	3	210	238	448	41	887	928	1,379	388	39	20	1	928	1,376
August.....	1	113	196	309	12	547	559	869	291	29	3	1	559	863
September.....	1	156	171	327	4	253	257	585	266	41	9	1	257	574
October.....		152	97	249	15	225	240	489	191	46	8	2	240	487
November.....		109	111	220	17	137	154	374	176	46	5	2	154	383
December.....		44	75	119	5	119	124	243	93	13	10	3	124	243
1915.														
January.....		104	83	187	7	82	89	276	156	14	15	3	89	277
February.....		102	107	209	23	102	125	334	160	27	4	2	125	318
March.....	1	101	118	218	27	288	315	533	185	29	14	2	315	545
April.....	1	182	92	274	21	495	516	790	222	36	12	1	516	787
May.....		217	116	333	31	532	563	896	268	43	8	4	563	886
June.....	1	243	73	316	28	532	560	876	272	31	22	4	560	889
Total....	8	1,733	1,477	3,210	231	4,199	4,430	7,644	2,668	394	130	26	4,430	7,648

Money collected by the poundmaster during the fiscal year 1915.

Months.	For food.	For fees.	From sales.	Total.
1914.				
July.....		\$34.00	\$34.00	\$118.00
August.....	\$4.50	60.50	7.50	72.50
September.....		82.00	18.00	100.00
October.....		92.00	14.50	106.50
November.....		92.00	10.00	102.00
December.....		18.00	28.00	46.00
1915.				
January.....		28.00	23.00	51.00
February.....		54.00	2.00	56.00
March.....		60.00	19.00	79.00
April.....		74.50	18.00	92.50
May.....	.50	86.00	13.00	99.50
June.....		64.00	15.50	79.50
Total.....	5.00	795.00	202.50	1,002.50

Statement of work performed in the chemical laboratory during the fiscal year 1915.

	Adulterated.	Not adulterated.	Total.
Acid:			
Acetylo-salicylic.....		2	2
Citric.....		1	1
Oxalic (submitted by police department).....		1	1
Sulphurous.....		2	2
Air (from rooms in District Building).....			11
Alcohol, methyl.....		1	1
Antiseptic powder.....		1	1
Baking powder.....			4
Beans, white kidney.....			1
Beef, chipped, dried.....			2
Beer (submitted by police department).....			15
Blood, dried (submitted by police department).....			1
Butter.....	5	51	56
Examined for poison (submitted by police department).....			1
Renovated.....			3
Cake.....		1	1
Camphor, spirits.....	24	81	105
Candy.....			88
Cheese.....	7	69	76
Cheese, cottage.....			1
Cherries.....			1
Chili con carne.....		1	1
Cider.....	3	2	5
Clothing (submitted by police department).....			3
Cocaine (submitted by police department).....			10
Coffee.....			3
Coffee, prepared.....	1		1
Cream.....	474	347	821
Cream tartar.....		20	20
Deodorants and disinfectants.....		7	7
Expectorant, Hall's Cherry.....			1
Figs.....			3
Flour (submitted by purchasing officer).....			4
Flour.....			6
Hair, suspected to be human (submitted by police department).....			1
Hair stain (submitted by police department).....			2
Hominy.....			2
Honey.....			1
Horse radish.....			1
Ice cream (submitted by police department).....		1	1
Iodine, tincture of.....	21	65	86
Jam (submitted by police department).....			1
Jelly.....			4
Lard.....	19	65	84
Macaroni.....			1
Magnesia, citrate, effervescent solution.....	11	9	20
Meal (submitted by police department).....	1		1
Meal, cracker.....			1
Meat, chopped.....		1	1
Medicine.....			1

Statement of work performed in the chemical laboratory during the fiscal year 1915—
Continued.

	Adulterated.	Not adulterated.	Total.
Medicine (submitted by police department).....			2
Mercury, red oxide.....		1	1
Milk.....	570	6,815	7,385
Butter.....		2	2
Evaporated.....		16	16
Prepared for infant.....	1		1
For blood (submitted by police department).....			1
For experimental purposes.....			11
Molasses.....			2
Morphine (submitted by police department).....			11
Morphine tablets (submitted by police department).....			2
Mustard.....			3
Oleomargarine (submitted by purchasing officer).....			8
Olives.....			2
Olive oil.....			8
Opium, prepared for smoking (submitted by police department).....			2
Paper, red (submitted by police department).....	1		1
Peanut butter.....			4
Pepper, ground.....	1	80	81
Pork and beans, with tomato sauce.....			2
Potato chips.....			1
Powder (submitted by police department).....			1
Punch (submitted by police department).....	1		1
Raisins.....			1
Rice.....			3
Rolls (submitted by police department).....			1
Salad, chicken.....			1
Sardines.....			1
Sausage.....			1
Soda, bromide.....			1
Somatose.....			1
Sugar.....	1	3	4
Sugar, for poison (submitted by police department).....			1
Syrups, flavoring.....			62
Tablets (submitted by police department).....			1
Urine (submitted by police department).....			1
Vinegar.....			1
Water.....	88	186	274
Bathing beach.....		4	4
Bathing pools.....		4	4
For poison (submitted by police department).....	1		1
Toilet.....	2	4	6
Wheeze-no-more (submitted by police department).....			1
Total.....			9,386

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days).

SYNOPSIS.

Character of service.	Employees.		Salaries.		Traveling expenses.		Incidentals.		Total.	
	1914	1915	1914	1915	1914	1915	1914	1915	1914	1915
I. General supervision.....	2	2	\$6,500.00	\$6,500.00					\$7,083.24	\$6,840.24
II. Clerical service.....	18	18	9,220.00	9,220.00	\$583.24		\$1,872.00	\$1,928.00	11,110.75	11,165.00
III. Registration of vital statistics.....	4	4	4,400.00	4,400.00	18.75		640.00	735.00	5,040.00	5,135.00
IV. Messenger.....	2	2	1,200.00	1,200.00					1,200.00	1,200.00
V. Sanitary inspection:										
General, including supervisory	13	13	15,000.00	15,000.00	290.00		572.00	642.00	15,871.00	15,936.00
Smoke.....	1	1	1,200.00	1,200.00	20.00		40.00	32.00	1,260.00	1,254.00
Eight hour.....	4	4	4,500.00	4,500.00				80.00		4,618.00
VI. Food inspection:										
Supervisory.....	2	2	2,500.00	2,500.00	16.07				2,516.07	2,556.64
Veterinary.....	6	6	6,400.00	6,400.00	3,012.00				9,412.00	9,326.00
Markets.....	6	6	6,400.00	6,000.00	160.08		280.30	208.35	6,940.38	6,337.10
Chemical laboratory.....	2	3	3,000.00	3,800.00			\$ 221.15	\$ 216.64	3,727.96	4,654.60
Dairies.....	2	2	2,000.00	2,200.00			508.81	637.96	2,062.58	2,259.93
VII. Contagious-disease service:										
Supervisory.....	1	1	2,402.50	2,158.50	240.00				2,642.50	2,398.50
Inspectors.....	6	6	4,187.08	3,900.00	119.38				4,306.44	3,954.49
Watchmen.....	34	18	982.75	2,548.25					982.75	2,343.25
Incidental expenses							2,622.28	1,380.86	2,622.28	1,380.86
Smallpox hospital—										
Natron.....	1	1	831.50	889.00					861.50	889.00
Nurse.....	1	1	710.00	464.50					710.00	464.50
Incidental expenses	4	3	771.00	429.75					771.00	429.75
Quarantine station—										
Natron.....	1	1	841.50	827.50			3,868.71	5,397.11	3,868.71	5,397.11
Nurse.....	1	1	463.75	462.50					841.50	827.50
Incidental expenses	3	2	434.25	289.25					463.75	462.50
Amulance service—										
Drivers.....	2	2	787.00	789.00			2,257.25	1,535.14	2,257.25	1,535.14
Stablesman.....	1	1	273.37	273.00					787.00	789.00
Incidental expenses							683.58	615.58	273.00	273.00

¹ Four-fifths time of chief clerk and one-half time of one \$1,000 clerk.

² One-fifth time of chief clerk and one-half time of one \$1,000 clerk.

³ Cost of samples.

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

SYNOPSIS—Continued.

Character of service.	Employees.		Salaries.		Traveling expenses.		Incidentals.		Total.	
	1914	1915	1914	1915	1914	1915	1914	1915	1914	1915
VIII. Disinfecting service:										
Inspectors.....	2	2	\$2,007.50	\$2,007.50					\$2,007.50	\$2,007.50
Engineer.....	1	1	631.56	781.25					631.56	781.25
Laborer.....	1	1	527.74	618.17	\$0.67	\$.58			528.41	618.75
Stableman.....	1	1	273.75	273.00					273.75	273.00
Incidental expenses.....							\$1,859.45	\$1,528.22	1,859.45	1,528.22
IX. Medical and dental inspection of public schools:										
Medical inspectors.....	11	11	5,500.00	5,500.00					5,500.00	5,500.00
Dental inspectors.....	2	2	1,000.00	1,000.00					1,000.00	1,000.00
Nurses.....	5	5	4,500.00	4,500.00		1 35.00	(*)		1,000.00	4,535.00
X. Bacteriological laboratory:										
Bacteriologists.....	2	2	2,385.00	2,345.00					2,385.00	2,345.00
Assistant bacteriologist.....	1	1	1,200.00	1,200.00					1,200.00	1,200.00
Inspector.....	1	1	600.00	1,720.00					600.00	1,720.00
Skilled laborer.....										
Incidental expenses.....							984.96	300.00	984.96	300.00
Replacements.....								1,000.00		1,000.00
New apparatus.....								1,999.71		1,999.71
XI. Public crematorium:										
Supervisory inspector.....	1	1	182.50	182.50					182.50	182.50
Superintendent.....	1	1	1,023.75	1,017.25					1,023.75	1,017.25
Incidental expenses.....							477.56	646.88	477.56	646.88
XII. Pound service:										
Poundmaster.....	1	1	1,200.00	1,200.00					1,200.00	1,200.00
Employees.....	4	4	2,000.00	2,000.00	.67	.75			2,000.67	2,000.75
Incidental expenses.....							1,225.00	1,264.00	1,225.00	1,264.00
Total.....			89,068.48	100,125.92	4,541.44	4,213.14	19,111.05	20,147.45	111,718.97	124,483.51

¹ Traveling expenses for medical and dental inspectors of schools and school nurses.

² Amount of incidentals not available.

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

I. SUPERVISORY SERVICE.

	Annual average.		Daily average.	
	1914	1915	1914	1915
Health officer.....	\$4,000	\$4,000	\$13.07	\$13.07
Assistant health officer.....	2,500	2,500	8.10	8.10
Total cost of transportation.....	583.24	340	1.90	1.11

II. GENERAL CLERICAL SERVICE.

Units of work.	Annual average.		Daily average.	
	1914	1915	1914	1915
Letters received.....	10,063	10,324	32.9	33.8
Letters sent.....	11,740	12,080	38.4	39.5
Oral complaints received.....	3,776	3,604	12.3	11.8
Special reports indexed.....	1,679	1,435	5.5	4.7
Employees.....	8	8		
Total cost of service.....	\$9,220	\$9,220	\$3.01	\$3.01
Total cost of incidentals (approximate).....	1,872	1,928	6.13	6.37
Total cost of transportation.....	18.75	17.00	.06	.05
Total cost, inclusive of undistributed cost of supervision.....	11,610.75	11,165	37.94	38.12

III. REGISTRATION OF VITAL STATISTICS.

Death certificates recorded:				
Local.....	5,964	6,118	19.5	20.05
Foreign.....	545	566	1.8	1.85
Birth certificates recorded.....	6,944	7,118	22.7	23.3
Stillbirths certificates recorded.....	479	420	1.6	1.37
Burial and disinterment permits issued, subsequently received and filed.....	7,278	7,008	23.8	22.9
Transcripts issued.....	1,069	1,024	3.5	3.35
Collected for transcripts.....	\$473	\$450.50	\$1.55	\$1.48
Employees.....	4	4		
Cost of service.....	\$4,400	\$4,400	\$14.38	\$14.38
Cost of incidentals (approximate).....	640	735	2.09	2.41
Total cost exclusive of undistributed cost of supervision.....	5,040	5,135	18.10	18.42

IV. MESSENGER SERVICE.

Messenger and janitor.....	\$800	\$800	\$1.96	\$1.96
Driver.....	600	600	1.96	1.96

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

V. SANITARY INSPECTION SERVICE.

A. SUPERVISION.

Units of work.	Fiscal year.		Daily average.		Daily average per inspector.	
	1914	1915	1914	1915	1914	1915
Chief inspector.....	1	1				
Clerk.....	1	1				
Total salaries.....	\$2,800	\$2,800	\$9.15	\$9.15	\$9.15	\$9.15
Complaints acted upon.....	8,908	6,919	29.1	22.1	8.2	2.5
Inspection on complaints.....	20,111	13,272	65.7	43.3	7.3	4.8
Reinspections.....	23,243	23,667	75.9	77.3	8.4	8.6
Official calls made.....	19,169	17,134	62.3	55.9	7.0	5.0
Notices served outside of assigned inspection districts.....	4,001	2,414	13.0	7.8	1.3	.9
House-to-house inspection.....	7,712	10,545	25.2	34.4	2.7	3.8
Inspections of barber shops.....	1,204	1,605	3.9	4.9	.4	.6
Inspections of stables.....	1,486	1,534	4.8	5.01	4.8	5.01
Inspections of privies.....	1,914	2,413	6.2	7.8	.8	.9
Inspection of laundries.....	1,438	1,452	1.4	4.7	1.4	4.7
Other miscellaneous inspections.....	1,148	1,996	3.7	6.5	.3	.6
Total inspectors.....	11	11				
Total salaries.....	\$12,200	\$12,200	\$39.86	\$39.86	\$3.62	\$3.62
Cost of incidentals (approximate).....	572	642	1.83	2.09	.20	.19
Cost of transportation.....	299	294	.97	.96	.09	.08
Total cost of sanitary service, exclusive of undistributed cost of supervision.....	13,071	13,136	42.71	42.91	3.88	3.90

NOTE.—The 1914 fiscal year table has been changed to conform to the form used in the 1915 fiscal year. The new form gives a full account of all work performed by the sanitary-inspection service. The 1914 table only showed a partial amount of work done.

B. SMOKE INSPECTION.

Places under observation.....	440	335				
Observations.....	9,112	8,485	29.7	27.7	29.7	27.7
Inspectors.....	1	1				
Total salaries.....	\$1,200	\$1,200	\$3.94	\$3.94	\$3.94	\$3.94
Cost of incidentals (approximate).....	40	32	.13	.10	.13	.10
Cost of transportation.....	20	22	.06	.07	.06	.07
Total cost of smoke service, exclusive of undistributed cost of supervision.....	1,260	1,254	4.10	4.09	4.10	4.09

C. EIGHT HOUR FEMALE LABOR LAW INSPECTION.

Units of work.	Fiscal year 1915.	Daily average, 1914-15.	Daily average per inspector, 1914-15.
Complaints acted upon.....	273	0.8	0.2
Inspections on complaint.....	281	.8	.2
Inspections made on the initiative of the inspector.....	6,208	20.2	6.6
Official calls made.....	2,615	8.5	2.6
Total inspectors.....	3		
Total clerks.....	1		
Total salaries.....	\$4,500	\$14.70	\$4.90
Cost of incidentals (approximate).....	80	.26	.08
Cost of transportation.....	38	.12	.04
Total cost of eight hour female labor law service, exclusive of undistributed cost of supervision.....	4,618	15.08	5.02

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

VI. FOOD INSPECTION SERVICE.

	Fiscal year.		Daily average.		Daily average per inspector.	
	1914	1915	1914	1915	1914	1915
A. SUPERVISION.						
Chief inspector.....	1	1				
Inspector (clerical work).....	1	1				
Total salaries.....	\$2,500	\$2,500	\$8.16	\$8.16	\$8.16	\$8.16
Cost of transportation.....	\$16.07	\$56.64	\$0.05	\$0.19	\$0.05	\$0.19
B. VETERINARY SERVICE.						
Dairy farms.....	1,228	1,161				
Inspections.....	3,743	4,074	12.23	14.59	2.04	2.43
Slaughterhouses.....	17	21				
Inspections.....	361	253	1.18	.83	.59	.41
Communicable diseases of animals:						
Cases reported.....	54	81	.18	.26	.09	.13
Inspections of horse market.....	104	104	.34	.34	.17	.17
Inspectors.....	6	6				
Total salaries.....	\$6,400	\$6,400	\$20.91	\$20.91	\$3.48	\$3.48
Cost of traveling expenses (approximate).....	3,012	2,926	9.84	9.56	1.64	1.50
Total cost, exclusive of undistributed cost of supervision.....	9,412	9,326	30.75	30.47	5.12	5.07
C. MARKETS, STORES, LUNCH ROOMS, ETC.						
Registered at close of year.....	5,092	5,470	16.64	17.88	3.63	3.90
Under inspection during year.....	5,423	5,723	17.71	18.70	3.54	3.75
Inspections.....	42,905	44,383	140.21	145.04	30.62	31.68
Inspectors.....	6	6				
Total salaries.....	\$6,400.00	\$6,000.00	\$20.91	\$19.61	\$3.48	\$3.27
Cost of incidentals.....	280.30	208.35	.92	.68	.15	.11
Cost of transportation.....	169.08	128.75	.55	.42	.09	.07
Total cost, exclusive of undistributed cost of supervision.....	6,849.38	6,337.10	22.38	20.71	3.72	3.45
D. CHEMICAL LABORATORY.						
Samples analyzed.....	9,708	9,282	31.71	30.33	15.855	10.11
Samples of food.....	9,180	8,782	30.00	28.69	15.67	9.56
Samples of water.....	349	274	1.14	.90	.57	.30
Samples of miscellaneous.....	174	226	.57	.74	.285	.25
Employees.....	2	3				
Salaries.....	\$3,000.00	\$3,800.00	\$9.80	\$12.41	\$4.90	\$4.13
Cost of food samples.....	221.15	216.64				
Cost of incidentals.....	506.81	637.96	1.66	2.06	.87	.69
Total cost, exclusive of undistributed cost of supervision.....	3,727.96	4,654.60	12.18	15.21	6.09	5.07
E. DAIRIES AND COLLECTION OF SAMPLES.						
Inspections.....	508	662	1.66	2.16	1.66	2.16
Samples collected.....	9,978	9,877	32.61	32.28	32.61	32.28
Inspectors.....	2	2				
Salaries.....	\$2,000	\$2,200	\$6.54	\$7.19	\$3.27	\$3.59
Cost of transportation.....	\$62.58	\$59.93	\$0.20	\$0.19	\$0.10	\$0.09

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

VII. CONTAGIOUS-DISEASE SERVICE.

Cases reported.	Fiscal year.		Average per day.		Daily average per inspector.	
	1914	1915	1914	1915	1914	1915
Anterior poliomyelitis.....	3	9	0.008	0.02	0.001	0.003
Epidemic cerebrospinal meningitis.....	8	5	.02	.01	.003	.002
Chicken pox.....	1,060	932	2.9	2.6	.43	.43
Diphtheria.....	509	357	1.4	.98	.23	.16
Leprosy.....	1	1	.003	.003	.0005	.0005
Measles.....	929	1,743	2.5	5.0	.42	.83
Pellagra.....	15	20	.04	.06	.007	.01
Scarlet fever.....	406	719	1.1	2.0	.18	.33
Smallpox.....	134	36	.4	.09	.07	.015
Tuberculosis.....	1,046	1,135	2.9	3.1	.48	.51
Typhoid fever.....	410	319	1.1	.87	.18	.14
Whooping cough.....	391	563	1.1	1.5	.18	.25

NOTE.—In view of the limited appropriation for personal services in connection with the enforcement of the contagious-disease law, the duty of placarding houses for diphtheria and scarlet fever and of investigating the origin of reported cases of typhoid fever is assigned to the sanitary-inspection force. The duty of arranging for disinfection is assigned to an inspector paid out of the appropriation for the maintenance of the disinfecting service. The cost of this service is not included in the cost of the contagious-disease service.

A. GENERAL SUPERVISION, PLACARDING, RECORDING, ETC.

Cost (exclusive of cost of service rendered by sanitary inspectors):

1 chief inspector (365 days).....	\$2,158.50
6 inspectors (1,017 days).....	3,900.00
18 watchmen (1,174½ days).....	2,348.25
Total (2,556½ days).....	8,406.75
Incidentals, printing, supplies, etc. (approximate).....	1,380.86
Cost of transportation.....	294.49

Total.....\$10,082.10

B. SMALLPOX HOSPITAL.

Patients cared for.....	35
Hospital open, days.....	156
Service rendered, patient days.....	685
Cost:	
1 matron (365 days).....	\$889.00
1 nurse (173 days).....	464.50
3 laborers (269½ days).....	429.75

Total (775½ days).....	1,783.25
Incidentals, supplies, fuel, etc. (approximate).....	5,397.11

7,180.36

C. QUARANTINE STATION.

Inmates cared for.....	68
Days quarantine station open.....	187
Service rendered, inmate days.....	829
Cost:	
1 matron (365 days).....	\$327.50
1 nurse (185 days).....	492.50
2 laborers (176 days).....	289.25

Total (725½ days).....	1,609.25
Incidentals, supplies, fuel, etc. (approximate).....	1,535.14

3,144.39

D. AMBULANCE SERVICE.

Minor contagious diseases:	
Patients transported.....	420
Days ambulance in active service.....	231

Cost:	
2 ambulance drivers (394½ days).....	\$789.00
1 stableman (364 days).....	273.00

Total (758½ days).....	1,062.00
Incidentals, forage, shoeing, etc. (approximate).....	615.58

1,677.58

Total cost, contagious-disease service.....21,789.94

NOTE.—The services of the bacteriologist, which are paid for from the appropriation for the contagious-disease service are entered as an item of cost under "Bacteriological laboratory." See below.

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

VIII. DISINFECTING SERVICE.

Premises disinfected.....	2,153
Articles disinfected at disinfecting station.....	1,714
Cost:	
2 inspectors (730 days).....	\$2,007.50
1 engineer (312½ days).....	781.25
1 laborer (309½ days).....	618.17
1 stableman (364 days).....	273.00
Total (1,351½ days).....	3,679.92
Incidentals, disinfectants, forage, shoeing, etc. (approximate).....	1,528.22
Total.....	5,208.14

IX. MEDICAL AND DENTAL INSPECTION OF PUBLIC SCHOOLS.

[Based on 180 working days.]

	Annual amount of work.	Daily average.	Daily average per inspector.
A. MEDICAL SERVICE.			
Schools visited.....	154		
Teachers, pupils, and janitors subject to inspection.....	59,000		
Visits to schools.....	7,731	43.0	3.9
Examinations of teachers, pupils, and janitors.....	13,698	76.1	6.9
Inspectors.....	11		
B. DENTAL SERVICE.			
Schools visited.....	33		
Teachers, pupils, and janitors subject to inspection.....	59,000		
Examinations of teachers, pupils, and janitors.....	9,784	54.4	27.2
Inspectors.....	2		
C. NURSING SERVICE.¹			
(Based on 116 working days.)			
Teachers, pupils, and janitors subject to inspection.....	59,000		
Visits to schools.....	1,409	12.1	2.4
Visits to homes of pupils.....	2,314	19.9	3.9
Visits to hospitals, dispensaries, etc.....	752	6.4	1.2
Nurses.....	5		

¹ The school nurses were not appointed until Jan. 11, 1915, and therefore worked but 116 school days.

Cost of service:	
11 medical inspectors.....	\$5,500.00
2 dental inspectors.....	1,000.00
5 nurses.....	4,500.00
Total.....	11,000.00

X. BACTERIOLOGICAL LABORATORY.

Specimens examined.....	8,174
Days service rendered by employees.....	1,126
Cost:	
2 bacteriologists (396 days).....	\$2,345.00
1 assistant bacteriologist (365 days).....	1,200.00
1 inspector (365 days).....	1,000.00
1 skilled laborer (365 days).....	720.00
Total (1,126 days).....	5,265.00
Incidentals, repairs to apparatus, etc. (approximate).....	300.00
Replacement of apparatus.....	1,000.00
New apparatus.....	1,999.71
Grand total.....	8,564.71

Outline of annual and average daily work of the health department of the District of Columbia, with cost, during the fiscal year 1915, with corresponding figures for the preceding year (based on 306 working days)—Continued.

XI. PUBLIC CREMATORIUM.

Bodies burned (adults, 107; infants, 194; stillborn, 259).....	500
Days crematory was in operation.....	313
Cost:	
1 supervisory inspector (365 days).....	\$182.50
1 superintendent (313 days).....	1,017.25
Total (678 days).....	1,199.75
Incidentals, kerosene, etc. (approximate).....	646.88
Total.....	1,846.63
Cremations at private expense, 26.....	
Fees collected for cremation at private expense.....	660.00
Net cost of operation.....	1,186.63

XII. POUND SERVICE.

	Fiscal year.		Daily average.	
	1914	1915	1914	1915
All animals impounded.....	8,631	7,648	23.65	20.95
Animals collected.....	4,850	4,430	13.29	12.13
Fees collected.....	\$1,260.75	\$1,002.50	\$3.45	\$2.75
Employees.....	5	5		
Total cost of service.....	\$3,200.00	\$3,200.00	\$8.77	\$8.77
Cost of incidentals (approximate).....	\$1,225.00	\$1,264.00	\$3.35	\$3.46

HOSPITALS AND CEMETERIES.

List of private hospitals and asylums in the District of Columbia licensed to June 30, 1915, showing location and date licensed.

HOSPITALS FOR HUMAN BEINGS.

Name.	Location.	Date licensed.
Jane B. Silvester Sanatorium.....	2005 Kalorama Road NW.....	Apr. 21, 1910
Garfield Memorial Hospital.....	Tenth Street and Florida Avenue NW.....	Feb. 18, 1911
Georgetown University Hospital.....	Thirty-fifth and N Streets NW.....	Mar. 1, 1911
Sibley Memorial Hospital.....	North Capitol and Pierce Streets NW.....	Mar. 7, 1911
Episcopal Eye, Ear, and Throat Hospital.....	1147 Fifteenth Street.....	Oct. 4, 1911
Children's Hospital.....	Thirteenth and W Streets.....	Sept. 8, 1911
National Homeopathic Hospital.....	N and Kirby Streets.....	July 6, 1911
Northern Dispensary and Emergency Hospital.....	3121 Fourteenth Street.....	Oct. 22, 1912
Washington Eye, Ear, and Throat Hospital.....	4 Iowa Circle.....	June 14, 1913
Margaret J. Thompson and Alice M. Prentiss.....	1417 Rhode Island Avenue.....	Aug. 27, 1913
Dr. H. R. Street and Ida M. Brown.....	1414 Girard Street NE.....	Nov. 21, 1913
Chevy Chase Sanitarium.....	Thirty-second and Tennyson Streets.....	Mar. 24, 1914
Washington Sanitarium Hospital.....	1252 Sixth Street SW.....	July 8, 1914
Kin-Po Remedy Co. (Inc.).....	1032 Seventeenth Street NW. and 1700 L Street NW.....	Feb. 12, 1915
Dr. William I. Kelchner.....	2 Iowa Circle NW.....	Mar. 5, 1915

HOSPITALS FOR ANIMALS.

C. B. Robinson.....	223 C Street NW.....	Dec. 6, 1909
Cecil French.....	Twentieth Street and Park Road NW.....	Feb. 8, 1910
J. P. Turner.....	916 O Street NW.....	Feb. 18, 1910
D. E. Buckingham.....	2115 Fourteenth Street NW.....	Mar. 25, 1910
C. F. Hadfield.....	36 New York Avenue NW.....	May 5, 1910
Bosley & Weeks.....	309 Sixth Street NW.....	June 23, 1910
E. S. Walmer.....	3247 Prospect Avenue NW.....	May 21, 1911
Theo. Schondau.....	20 Decatur Street NE.....	Oct. 25, 1911
John P. Kelfer.....	2630 Twelfth Street NE.....	June 14, 1913
W. P. Collins.....	2130 F Street NW (rear).....	Mar. 7, 1914

HOSPITALS AND CEMETERIES—Continued.

List of private hospitals and asylums in the District of Columbia licensed to June 30, 1915, showing location and date licensed—Continued.

ASYLUMS FOR HUMAN BEINGS.

Name.	Location.	Date licensed.
Florence Crittenton Home.....	218 Third Street NW.....	Mar. 25, 1910
Home for Incurables.....	8 Street between Thirty-first and Thirty-second NW.	July 19, 1910
Children's Country Home.....	Grant Road NW.....	Do.
St. Vincent's Orphan Asylum.....	Edgewood, D. C.....	Do.
Masonic and Eastern Star Home.....	Takoma, D. C.....	Feb. 24, 1911
St. Ann's Infant Asylum.....	2300 K Street NW.....	Do.
St. Joseph's Male Orphan Asylum.....	924 H Street NW.....	Mar. 6, 1911
Epiphany Church Home.....	1221 Massachusetts Avenue NW.....	Mar. 23, 1911
Edes Home.....	2829 N Street NW.....	Mar. 25, 1911
Woman's Christian Association.....	1719 Thirteenth Street NW.....	Mar. 28, 1911
Methodist Home.....	601 M Street NW.....	Apr. 12, 1911
Presbyterian Home.....	1420 M Street NW.....	May 13, 1911

ASYLUM FOR ANIMALS.

Sarah L. Beckley.....	126 D Street SW.....	Apr. 19, 1911
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List of cemeteries.

Addison Chapel.	Green Vale.	National Capital Hebrew Association.
Adas Israel.	Harmony.	Oak Hill.
Above Sholom.	Hillsdale.	Payne's.
Baptist.	Holy Rood.	Potters' Field.
Battle Ground. ¹	Jones Chapel.	Prospect Hill.
Blue Plains. ¹	Macaphella. ¹	Rock Creek.
Christian. ¹	Macedonia.	St. Albans. ¹
Congressional.	Methodist Tennallytown.	St. Mary's.
Elesavetgrad Cemetery Association.	Moore's.	Talmud Torah.
Georgetown Convent.	Mount Olivet.	United States Soldiers' Home.
Glenwood.	Mount St. Sepulchre, Franciscan Cemetery.	Visitation Convent.
Government Hospital for the Insane.	Mount Zion.	Washington Hebrew.
		Woodlawn.

CREMATORIES.

J. William Lee's.	District of Columbia public crematory.
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¹ No interments during the year.² For indigents

APPENDIX H.

AVERAGE GRADES OF MILK DISTRIBUTED IN THE DISTRICT OF COLUMBIA DURING THE YEAR ENDING JUNE 30, 1915, ARRANGED ACCORDING TO CLASSES OF MILK SOLD AND NAMES OF DISTRIBUTORS.

For a statement of the method of determining these grades see United States Public Health Reports, volume 28, No. 8, February 21, 1913.

A perfect grade (100) is made up as follows:

Dairy farms on which milk was produced; equipment and methods.....	16½
Dairy cattle on farms on which milk was produced; health and cleanliness.....	16½
Dairy from which milk is distributed to consumers; equipment and methods....	16½
Nutritive value of milk as determined by chemical analyses.....	16½
Wholesomeness, cleanness, and keeping qualities, as determined by bacteriological analyses.....	33½
Total.....	100

ORDINARY RAW MILK.

Alden, H. L. ¹	51.75	Leasley, C. E.....	78.02
Abop, B. F. ¹	70.26	Maboney, L. A.....	80.31
Auth, J. & G. ¹	67.61	Malone, W. L. ¹	78.31
Bayne, Thos.....	72.74	Marcey, J.....	60.65
Black, H. L., & Son ¹	53.00	Markham, E.....	72.53
Boyle John.....	70.61	Mayhew, L. E. ¹	79.97
Brown, A. J. ¹	85.67	Milton, M. R.....	77.53
Buckley, I. J.....	80.69	Moffett, R. S.....	62.98
Buddington, A.....	77.08	Mulligan, S. C. ¹	75.61
Buddington, F.....	75.73	Murphy, J. W.....	77.75
Carter, L. J. ¹	40.56	Myers, J. W.....	79.08
Castle, J. W.....	53.67	Orrison, J. S.....	59.43
Cleveland, L. ¹	47.88	Reilly, G. F.....	84.87
Cornelius Bros. ¹	64.96	Reilly, J. P.....	82.40
Cudmore, P. A. ¹	72.86	Reilly, M. ¹	82.91
DeArzo, P.....	74.37	Richter, John.....	74.73
Dorr, J. & G.....	77.11	Ruppert, J. H.....	69.79
Gates, H. B.....	85.15	Seidenberg, W. F. ¹	75.64
Gill, C.....	85.23	Selecman, W. R.....	69.91
Gladling, I.....	80.08	Shawn, M. L. ¹	66.91
Gray, G. T.....	55.64	Shumate, G. H. ¹	73.19
Haight, A. R.....	81.19	Tanner & Bowles.....	51.27
Healey, T. A. ¹	67.39	Tenley, A. C.....	82.74
Heflin, M. C. ¹	74.88	Thomas, E. ¹	73.62
Heflin, S. L.....	51.37	Thompson, C. ¹	59.63
Heine, F. W.....	61.47	Thompson Sisters.....	73.46
Heurich, C.....	85.27	Thornton Bros. ¹	75.32
Hill, C. T.....	76.40	Tudge, John.....	75.24
Horne, C. V.....	60.47	Wahler & Son.....	81.23
Horrigan, A.....	74.85	Walden, Chas.....	86.43
Houser, H. A.....	78.04	Welker, W. E.....	73.69
Hyson, A. ¹	61.01	Welsh, H. F. ¹	76.49
Johnson, C. M.....	62.11	Wilson, C. G. ¹	66.06
Johnson, D.....	77.12	Wire, J. J.....	78.14
Keefe, J.....	83.78		
Landon, J. S. ¹	85.19		
		Average grade of all milk of this class.....	71.87

SPECIAL RAW MILK.

Oyster, G. M., Jr.....	90.49	White Cross Milk Co. ¹	74.10
Thompson Sisters.....	89.38	Wise, G. A. & Bro.....	89.62
Thompson, C. (Woodbridge).....	70.32		
Thompson, C. ¹	71.88	Average grade of all milk of this class.....	83.52
Walker Gordon Laboratory.....	98.81		

PASTEURIZED MILK.

Alden, H. L. ¹	55.31	Seidenberg, W. F. ¹	33.84
Bowles, J. J.....	69.86	Simpson, W. A.....	63.12
Black, H. L., & Son ¹	72.76	Storm & Sherwood.....	80.77
Dade, C. G. & Co.....	65.90	Thompson Sisters ¹	90.26
Estes, J. W.....	75.34	Thompson, C. ¹	74.40
Gregg, J. W.....	77.73	White Cross Milk Co.....	63.65
Meeks, H. L.....	53.72	Wise, G. A. & Bro.....	82.01
Oyster, G. M., Jr.....	82.80		
Producers Milk & Cream Exchange ¹	53.02		
		Average grade of all milk of this class.....	71.54

¹ A part of the year the product was pasteurized; the remainder of the year it was sold raw.

² Figures represent only a portion of the year. Omissions due to insufficient data in the health department to fairly compute a grade.

³ Figures represent only a portion of year; discontinued selling milk at retail.

APPENDIX I.

**LAWS AND REGULATIONS RELATING TO PUBLIC HEALTH IN
THE DISTRICT OF COLUMBIA, ENACTED FROM OCTOBER
12, 1914, TO JUNE 30, 1915.**

AN ACT Making appropriations to provide for the expenses of the government of the District of Columbia for the fiscal year ending June 30, 1916, and for other purposes.

[Extract.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, * * **

STREETS—DISPOSAL OF CITY REFUSE.—For collection and disposal of garbage and dead animals; * * * *Provided*, That hereafter night soil may be collected and disposed of by any process satisfactory to the commissioners; * * *

HEALTH DEPARTMENT.—For necessary expenses of inspection of dairy farms, * * *

The examinations, inspection, rules, and regulations concerning the milk supply of the District of Columbia shall be applied alike to each State shipping milk into said District. * * *

Approved, March 3, 1915.

OFFICE COMMISSIONERS OF DISTRICT OF COLUMBIA,
EXECUTIVE DEPARTMENT,
Washington, August 4, 1914.

Ordered: That the terms of medical inspectors of schools, including the dental inspectors, are hereby limited to five years, but that no medical inspector now in the service shall be dropped on account of duration of service alone prior to August 31, 1915, and any inspector may be reappointed for such period as the commissioners may determine if at the expiration of five years' service such inspector specially merits reappointment.

Official copy furnished health officer, District of Columbia.

By order:

WILLIAM TINDALL, *Secretary.*

OFFICE COMMISSIONERS OF DISTRICT OF COLUMBIA,
EXECUTIVE DEPARTMENT,
Washington, August 5, 1914.

Ordered: That, under the provisions of section 7 of the act of Congress approved June 19, 1878, entitled "An act to create a revenue in the District of Columbia by levying a tax upon all dogs therein, to make such dogs personal property, and for other purposes," the commissioners hereby give notice that every dog in said District shall, for a period of one year from and after the 9th instant, wear a good and substantial muzzle, securely put on, so as to prevent it from biting

or snapping; and any dog going at large during said period without such muzzle shall be taken up by the poundmaster and impounded.

Official copy furnished health department.

By order:

WILLIAM TINDALL, *Secretary.*

(Published in Post, Star, Times, and Herald, Aug. 7, 1914.)

OFFICE COMMISSIONERS OF DISTRICT OF COLUMBIA,
EXECUTIVE DEPARTMENT,
Washington, November 13, 1914.

Ordered: That the following regulations to prevent the introduction and spread of foot-and-mouth disease in the District of Columbia are hereby promulgated, to take effect on and after this date:

REGULATIONS TO PREVENT THE INTRODUCTION AND SPREAD OF FOOT-
AND-MOUTH DISEASE IN THE DISTRICT OF COLUMBIA.

SECTION 1. No person shall bring into the District of Columbia any animal affected with foot-and-mouth disease or any animal suspected of being so affected or which has been exposed to said disease; or bring into said District from any area quarantined by the United States Department of Agriculture on account of said disease, any bovine animal, sheep, goat, swine, or deer, or hide, skin, hay, straw, fodder, or hoof, not accompanied by a proper official certificate to show freedom from infectivity.

SEC. 2. Every person in the District of Columbia having the ownership, custody, or care of any animal in said District affected by foot-and-mouth disease, or any animal suspected of being so affected, shall immediately on becoming aware of that fact or suspicion report the circumstances at once to the health officer of said District, in person, by telephone, or in writing, definitely identifying such animal and designating the place where it may be found. And every veterinary surgeon called upon to examine or to treat any such animal shall in like manner make report thereof.

SEC. 3. Every person in the District of Columbia having the ownership, custody, or care of any domestic animal, or of any premises, material, or thing that has been exposed to infection by foot-and-mouth disease; or of any bovine animal, sheep, goat, swine, or deer, or of any hide, skin, hay, straw, fodder, or hoof, that has without proper official certificate to show freedom from infectivity been brought into said District from any area quarantined by the United States Department of Agriculture on account of said disease, shall immediately upon becoming aware of such circumstances report them in person, by telephone, or in writing, in detail to the health officer of said District.

SEC. 4. Every person in the District of Columbia having the care or custody of any premises, animal, material, or thing, which has been exposed to infection by foot-and-mouth disease and is liable to convey said disease, or any bovine animal, sheep, goat, swine, or deer, or hide, skin, hay, straw, fodder, or hoof, that has without proper official certificate to show freedom from infectivity been brought into said District from any area quarantined by the United States Department of Agriculture on account of said disease shall so isolate,

care for, disinfect, renovate, destroy, or dispose of the same, to the satisfaction of the health officer of said District, as to prevent danger of the conveyance of said disease.

SEC. 5. Any officer or agent of the health department of the District of Columbia may at any time enter upon any premises where said health officer has reason to believe there is any animal suffering from foot-and-mouth disease; or any animal, material, or thing, which has been exposed to infection by said disease and is liable to convey the same; or any bovine animal, sheep, goat, swine, or deer, or hide, skin, hay, straw, fodder, or hoof, brought into said District from any area quarantined by the United States Department of Agriculture on account of said disease, and may examine and inspect the same.

SEC. 6. Whenever in the judgment of the health officer of the District of Columbia such action is necessary to prevent the spread of foot-and-mouth disease, said health officer may order the closing, renovation, or disinfection of any premises, or of any public water trough, or the isolation or the destruction of any animal, material, or thing, specifying the manner and time thereof; and in event of noncompliance, said health officer may, through officers and agents in the employ of the District of Columbia, carry such order into effect.

SEC. 7. Whenever in the judgment of the health officer of the District of Columbia such action is necessary to prevent the spread of foot-and-mouth disease, said health officer of said District may order the quarantine of any premises or of any part thereof, or of any animal, material, or thing thereon, in said District, which, in his judgment, may convey foot-and-mouth disease and may cause such placards to be posted and such guards to be employed as in his judgment may be necessary to enforce said quarantine.

SEC. 8. Every person owning or having custody or care of any premises, animal, material, or thing in the District of Columbia, infected or suspected of being infected by foot-and-mouth disease, and of any bovine animal, sheep, goat, swine, or deer, or any hide, skin, hay, straw, fodder, or hoof, brought into the District of Columbia from any area quarantined by the United States Department of Agriculture on account of said disease, without proper official certificate to show freedom from infectivity, shall render all necessary assistance to any officer or agent of the health department of said District in any lawful action said officer or agent may take with respect thereto, to prevent the spread of foot-and-mouth disease; and, in the case of animals, shall properly secure the same so as to permit such examinations to be made as may be necessary.

SEC. 9. No person in the District of Columbia shall hinder, interfere with, or obstruct any officer or agent of the health department of said District in the discharge of any duty or in the exercise of any right imposed or conferred upon him, or neglect or refuse to comply with any lawful order issued by any such officer or agent.

SEC. 10. Any person violating the provisions of these regulations shall upon conviction thereof be punished for each offense by a fine not exceeding \$40.

O. P. NEWMAN,
F. L. SIDDONS,
C. W. KUTZ,

Commissioners of the District of Columbia.

OFFICE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
EXECUTIVE DEPARTMENT,
Washington, D. C., April 2, 1915.

Ordered: That the following regulations for the control of the business of disinfecting or fumigating in the District of Columbia are hereby made, to be effective on and after May 5, 1915:

REGULATIONS FOR THE CONTROL OF THE BUSINESS OF DISINFECTING
OR FUMIGATING IN THE DISTRICT OF COLUMBIA.

1. Every person engaged in disinfecting or fumigating for pay premises or parts of premises in the District of Columbia shall register his name and his place of business in a book to be provided for that purpose in the health office of the District of Columbia; shall file with the health officer of said District a written statement, under oath, describing in detail the methods employed by him in the execution of such work; and shall leave with said health officer at the time of registration a sufficient quantity of each and every one of the substances that he intends to use sufficient for purposes of analysis, and if any substance so to be used be a compound or mixture of two or more ingredients, state the formula thereof.

2. Every person engaged in disinfecting or fumigating for pay, premises or parts of premises in the District of Columbia, who desires to adopt any method not recorded by him in the health office of said District or to use any substance in connection with his business a sample of which has not been left by him at said office, as required by section 1 of these regulations, shall file with said office a written statement, under oath, describing in detail the method that he intends to employ thereafter and shall leave at said office a sample of any new material which he proposes thereafter to employ sufficient for purposes of analysis, and if any substance so to be used be a compound or mixture of two or more ingredients, state the formula thereof.

3. No person engaged in disinfecting or fumigating for pay premises or parts of premises in the District of Columbia shall use for that purpose any method not recorded by him in the health office of the District of Columbia, or any substance samples of which have not been left by him at said office, as required by sections 1 and 2 of these regulations, and which method or substance, or both, as the case may be, have not been approved for such use, in writing, by the health officer of said District, who is hereby authorized to approve and to disapprove methods and materials submitted to him as required by sections 1 and 2 of these regulations.

4. No person disinfecting or fumigating, whether for pay or otherwise, any premises or parts of premises in the District of Columbia, shall use for that purpose potassium cyanide, hydrocyanic acid, or hydrocyanic acid gas, without a permit in writing from the health officer so to do, such permit to relate merely to such premises as are named in it.

5. Any person who violates any of the provisions of these regulations shall be punished, upon conviction thereof, by a fine not exceeding \$50.



6. The word "person" as used in these regulations shall be held to include not only natural persons but also partnerships, associations, and corporations; and any person, partnership, association, or corporation registered under these regulations may act not only in person or by the individuals making up said partnership, association, or corporation, but also through agents employed for that purpose, which agents need not be personally registered at the health office.

Official copy furnished.

By order:

W. TINDALL, *Secretary.*

(Officially published in the Evening Star of Apr. 5, 1915.)

APPENDIX J.

LIST OF PHYSICIANS ENTITLED TO PRACTICE MEDICINE IN THE DISTRICT OF COLUMBIA, SEPTEMBER 1, 1915.

- | | | | |
|---------------------------|---------------------------|----------------------------|----------------------------|
| Abbe, Truman. | Barnes, Wm. M. | Bogle, John C. | Burke, John W. |
| Abbot, Griffith E. | Barnesby, Walter R. | Bogle, Kate B. | Burke, Thomas W. |
| Abernethy, Eric A. | Barnhart, Grant S | Boomhower-Gulford, Al- | Burritt, Alice. |
| Acker, George N. | Barrett, P. M. | berta S. | Burritt, Martha Clark. |
| Adams, Jesse Lee. | Barrie, George. | Borden, Dan L. | Burwell, Hartford R. |
| Adams, Roy D. | Barrington, Richard I. | Borden, Wm. C., U. S. A. | Buah, Daniel P. |
| Adams, Samuel S. | Barry, Edmund. | Boss, Rufus D. | Butler, Arthur R. |
| Afmsworth, F. C. | Barry, John P. | Bost, Thomas C. | Butler, Chas. S., U. S. N. |
| Alderman, Zenas W. | Barstow, Edward C. | Boswell, Archie W. | Butler, E. Flagg. |
| Alexander, Rose. | Barstow, Kate D. | Boteler, William C. | Butler, William K. |
| Alleger, Walter W. | Barton, Wilfred M. | Bovee, J. Wesley. | Butterfield, Elmore E. |
| Alleman, Albert. | Bartsch-Dunne, Anna. | Bowen, William S. | Butz, Abraham D. |
| Allen, Chas. Alexander. | Bastian, J. W. | Bowers, John F. | Byner, Chas. R., U. S. A. |
| Allen, Charles L. | Battle, Lewis J. | Bowker, Chas. H. | Byrne, Patrick J. |
| Allen, Charles W. | Battles, Samuel L. | Boyd, Carl B. | Byrne, Walter C. |
| Allen, Elijah H. | Bayly, Rozier C. | Boyd, Chas. I. | Byrnes, William F. |
| Allen, Elzora B. | Bayne, J. Breckenridge. | Boyle, Cornelius B. | Cabaniss, George W. |
| Allen, H. Jerome. | Beale, Robert S. | Boyle, Edward M. | Cabell, J. M., U. S. A. |
| Allen, Jacob S. | Beall, Benjamin M. | Brackett, John E. | Caldwell, Charles T. |
| Allen, John. | Beall, Chas. M. | Braden, Francis W. | Caldwell, Harry C. |
| Ammerman, Charles C. | Beaman, Carroll J. | Bradfield, Jefferson D. | Calver, Geo. M. |
| Anderson, C. T. G. | Beattie, Wray. | Bradley, Geo. P., U. S. N. | Calvert, Finley H. |
| Anderson, Joseph W. | Beatty, Louis Kalley. | Bradley, Jeter C. | Camaller, Franklin A. |
| Anderson, U. Grant. | Beatty, Walter K. | Brady, John C. | Camden, Patta. |
| Armstrong, Wm. J. | Beckett, George M. | Brady, Zadoc M. | Cameron, Malcolm. |
| Arnold, Guy F. | Beckley, F. R. | Bragan, George H. | Camp, George H. |
| Arnold, John S. | Beebe, William B. | Braisted, Wm. C., U. S. N. | Campbell, Charles B. |
| Arntzen, Julius Leo. | Behrend, Adajah. | Brandenburg, W. H. R. | Cannon, James S. |
| Arthur, Wm. H., U. S. A. | Behrend, Edwin B. | Brandt, Wm. E. | Cannon, Walter D. |
| Arthurs, S. J. | Behrend, Sidney. | Branson, Joseph H. | Cardoza, Francis J. |
| Arwine, James T. | Bell, Chas. | Brecht, Nelson Du Val. | Carman, Louis D. |
| Ashford, Bailey K. | Bell, Wm. H., U. S. N. | Breckenridge, Scott D. | Carmichael, Randolph B. |
| Ashford, Francis A. | Bennett, A. B., Jr. | Brennan, John F. | Carmichael, C. P. |
| Ashford, Mahlon. | Bennett, Harrison M. | Brensen, Gilmer. | Carpenter, D. N., U. S. N. |
| Atkins, Paul N. | Bennett, Maitland C. | Brent, Clarence E. | Carr, W. Browne. |
| Atkinson, John F. | Bennett, Robert A. | Brewer, Isaac W. | Carr, William F. |
| Atkinson, Wade H. | Bennitt, William W. | Brewer, Gilbert R. | Carrico, A. J. |
| Atwell, John R. | Beresford, Galsworthy G. | Brick, Geo. J. | Carroll, James. |
| Atwood, Oliver M. | Bernmann, Isidor. | Bricker, Sacks. | Carroll, Robert L. |
| Avery, Frederick S. | Bernstein, Hymon. | Bridger, James D. | Carson, Simeon L. |
| Ayres, Wm. W. | Bevard, William A. | Briggs, John D. | Carter, Dumas D. |
| Babbitt, George E. | Biggs, Joseph R. | Briscoe, John F. | Carter, F. C., U. S. A. |
| Babbitt, Zeno B. | Billard, Chas. Lewis. | Bronson, Charles E. | Carter, William C. |
| Bacas, Henry. | Billard, Jules F. | Brooks, Carroll A. | Castell, L. B. |
| Bacon, A. Maynard. | Bingman, Carroll E. | Brooks, Floyd V. | Castell, Enrico. |
| Bacon, Robert B. | Birdsall, Charles W. | Brooks, John Doshir. | Caylor, Claude C. |
| Baggett, John B. | Birdsall, Gregg Custis. | Brooks, J. Lester. | Chadwick, De Witt C. |
| Baier, G. K. | Birmingham, H. P., | Brooks, Phil. B. | Chadms, Geo. S. |
| Bailey, Emerson S. | U. S. A. | Brosius, Mary Alice. | Chamberlin, Frank T. |
| Bailey, Grafton D. P. | Birney, Edith S. | Brown, Charles W. | Chancellor, F. S. |
| Bailey, Henry L. | Birtwell, Daniel T. | Brown, Harry Lee. | Chapman, Thomas P. |
| Bailey, Wm. O. | Biscoe, Frank L. | Brown, Hugh A. | Chappell, John W. |
| Bain, Seneca B. | Bishop, Francis B. | Brown, Mary L. | Chappell, Sidney L. |
| Baker, Frank. | Bishop, H. A. | Brown, Orville J. | Childs, C. W. D. |
| Baker, Frank Cole. | Bishop, Herbert F. | Brown, Robert W. | Chiselman, C. N. |
| Baker, Leigh Y. | Blackburn, Isaac W. | Brown, Sara Winifred. | Chisolm, Francis M. |
| Baker, May D. | Blackburn, Richard S. | Brown, W. Hayes. | Choate, Rufus. |
| Baker, Osmy. | Blaine, Robt. G. | Browne, Rhodie R. | Christie, Arthur C., |
| Baker, Robert W. | Blair, Joseph C. | Browning, Andrew J. | U. S. A. |
| Baker, Willie W. | Blake, Levi C. | Brumbaugh, Gatus M. | Christman, Wm. W. |
| Baldus, William T. | Blake, Louis M. | Brummett, Randolph B. | Church, James W. |
| Baldwin, C. A. | Blakstone, Julian C. | Bryan, Joseph H. | Clark, Chas. Herman. |
| Baldwin, Mosby. | Bless, Charles L. | Bryson, Herbert J. | Clark, George C. |
| Balloch, Edward A. | Bloedorn, W. A., U. S. N. | Buchanan, Chas. M. | Clark, James J. |
| Banister, W. B., U. S. A. | Bloom, R. | Buchanan, Wm. R. | Clark, John Alex. |
| Barber, James M. | Blue, James T. | Buck, John R. | Clark, Taliaferro. |
| Barber, Robt. T. J. | Bogan, Fred. Macon. | Bunnemeyer, Bernard. | Clarke, Wm. Earl, Jr. |
| Barbour, Frank A. | Bogan, Isabel K. | Burbank, Caryl. | Clarke, Winfield S. |
| Barger, A. B. | Bogan, Joseph B. | Burch, Edward W. | Clayton, James G. |
| Barger, G. J. P. | Bogan, Mary Elizabeth. | Burch, W. Thompson. | Clayton, Thomas A. |
| Barker, Howard W. | Bogan, Samuel W. | Burke, Francis E. | Clemens, James E. |
| Barnes, Noble P. | Bogges, John S. | Burke, Fredk. B. | Clement, A. B. C. |

- Clements, Lyman J.
 Clemons, Carl Anson.
 Clifford, John S.
 Coale, Edith Seville.
 Coblenz, Horace B.
 Coburn, Henry C., jr.
 Coe, Anton.
 Cogswell, Frank B.
 Cole, George R. Lee.
 Cole, John T.
 Coleman, Horace.
 Collender, Geo. R., U.S.A.
 Collins, Albert R.
 Collins, Charles R.
 Collins, Edward J.
 Collins, James C.
 Collins, John F.
 Collins, Saml. J. B.
 Colwell, Clifford B.
 Conklin, Coursen B.
 Conklin, Rush W.
 Conner, William H.
 Constat, John.
 Conyngham, Wm.
 Cook, Elmore A. A.
 Cook, George W.
 Cook, Giles B.
 Cook, Henry C.
 Cook, Richard L.
 Cook, Saml. Le Count.
 Cooke, Robert R.
 Cooke, Thomas C.
 Coolidge, Augustus B.
 Copeland, Edgar B.
 Corbin, William E.
 Corey, George B.
 Corley, Karl C.
 Cornish, Mabel.
 Coumbe, Arthur G.
 Coumbe, Oscar H.
 Cowden, J. Morrow.
 Cowper, Arnold W., U. S. A.
 Cox, Oliver C.
 Cox, S. Clifford.
 Craig, Albert E.
 Craig, Henry K.
 Craig, John M.
 Cram, A. M.
 Crandell, Henry N.
 Crawford, C. Alexander.
 Critchton, Macpherson.
 Crittenden, Thomas B.
 Crocchia, Antonio.
 Crook, Harrison.
 Crosby, W. D., U. S. A.
 Crosson, Henry J.
 Crowe, John W.
 Crush, B. Alice.
 Cumiskey, Edw. F.
 Curriden, George A.
 Curtis, Arthur Leo.
 Curtis, Austin M.
 Custis, George W. N.
 Custis, J. B. Gregg.
 Custis, J. B. Gregg, jr.
 Custis, Marvin A.
 Cuthbert, Middleton F.
 Czara, Sigmund A.
 Dabney, Virginius.
 Danforth, Roderick F.
 Daley, James N.
 Daniel, Robert A.
 Daniels, Uriah J.
 Darby, John J.
 Darby, Taylor E.
 Darnall, Moses H.
 Darrah, Austin A.
 Davidson, Edward Y.
 Davis, Carl L.
 Davis, Carrie C.
 Davis, Charles A.
 Davis, Daniel G.
 Davis, Dowd H.
 Davis, Frank P.
 Davis, George P.
 Davis, George W.
 Davis, Llewellyn F.
 Davis, Wm. T.
 Dawson, Charles F.
 Day, Geo. Frank.
 Dear, Wm. R.
 Dearborn, Reuben B.
 De Carré, Alfred.
 Deeble, Horace M.
 Delancy, Martin D.
 De Laney, M. A., U. S. A.
 Demarest, Cornelius L.
 Denison, Raymond C.
 Dennison, Ira W.
 Dessez, Paul T., U. S. N.
 De Saussure, R. L.
 Devereux, J. Ryan.
 De Vries, J. Carlisle.
 De Weese, Cornelius.
 Dewey, Christian H.
 Dickinson, Dwight, U. S. N.
 Dickinson, Dwight, jr.
 Dickson, S. H., U. S. N.
 Didier, Frederick W.
 Digges, John H.
 Dillenbach, William J.
 Dixon, Henry M.
 Dixon, Taylor B.
 Dixon, Wm. S., U. S. N.
 Dobson, Hervie A.
 Dobson, William H.
 Dolan, Patrick V.
 Dollman, Clarence M.
 Donn, Fred'k Y.
 Donnelly, Harry H.
 Dorsey, John S.
 Douglas, Alanson S.
 Douglas, James S.
 Dowling, James C.
 Dowling, Thomas, jr.
 Downes, Julia V.
 Downey, Alice W.
 Drane, Frank C.
 Drenford, George.
 Drennan, Lawrence M.
 Dubose, George P.
 Duehring, Frank E.
 Duennner, Robert H., U. S. A.
 Duffey, Hugh C.
 Dufour, Clarence R.
 Dugan, C. L.
 Dulaney, Joshua L.
 Dumas, Michael O.
 Dumbar, A. W., U. S. N.
 Dunlop, John.
 Dunmire, Roy F.
 Dunn, Henry A.
 Dunne, Harold E.
 Dunnigan, John P.
 Durfee, R. B.
 Dye, Hobart S.
 Dyer, John C.
 Dykes, J. F. R., U. S. N.
 Eager, J. M., M. H. S.
 Easler, R. A.
 Eastham, Granville.
 Ecker, Lewis C.
 Eckhardt, J. C.
 Eddy, Otis S.
 Edie, G. L., U. S. A.
 Edmunds, Meade Randolph.
 Egbert, Edw. H.
 Eggleston, George W.
 Eggleston, James D.
 Eisenberg, Arthur A.
 Eisenberg, J. J.
 Eldridge, Watson W., jr.
 Elgin, Fisk.
 Elgin, William F.
 Eliot, Llewellyn J.
 Eliot, Johnson.
 Elliott, Charles S.
 Elliott, Jere B.
 Elliott, Henry R.
 Elliott, L. E.
 Elliott, M. S., U. S. N.
 Ellis, Hannah C.
 Ellis, Joseph C.
 Ellison, Everett M.
 Ellyson, Robert M.
 Elmore, Bruce, U. S. N.
 Emery, O. V.
 Emery, W. G.
 Emmons, Charles M.
 English, Charles H.
 English, L. H.
 Eppard, George I.
 Erbach, Amella.
 Erving, Emma L.
 Erving, Wm. G.
 Esch, Victor H.
 Eslin, James T.
 Evans, Albert W.
 Evans, Margaret R.
 Evans, Warwick.
 Evans, Wilson B.
 Eversfield, Wm. O.
 Ezdorf, Rudolph, H. von.
 Fadeley, George B.
 Fagin, Emmett A.
 Fairly, James M.
 Falconer, Bolivar L.
 Fales, Ella Roy.
 Fales, Warren D.
 Farquhar, Charles.
 Farquhar, Raymond R.
 Farwell, Wrey G., U. S. N.
 Fauntleroy, A. M., U. S. A.
 Featherstonhaugh, Thomas.
 Ferguson, Charles E.
 Ferguson, Thomas M.
 Ferris, N. Sherwood.
 Fillebrown, John P.
 Finch, Erastus M.
 Finley, Clara B.
 Fishbat, Albert S.
 Fischer, Howard.
 Fischer, Melville B.
 Fischer, Raymond A.
 Fiske, Charles N., U. S. N.
 Fitz-Hugh, William De A.
 Fitzsimons, P., U. S. N.
 Fletcher, Chas. C.
 Fletcher, G. H.
 Floria, Salvatore.
 Flower, Alfred H.
 Flynn, James A.
 Foley, Thomas M.
 Folkmar, Elnora C.
 Foote, John A.
 Ford, J. Herbert.
 Ford, Roland H.
 Ford, William C.
 Forston, Keene R.
 Foster, Chas. L.
 Foster, Geo. W.
 Foster, Komulus A.
 Foster, Warren W.
 Fowler, Ernest W.
 Fowler, Harry A.
 Fowler, Samuel R.
 Fowler, William C.
 Fox, George L.
 Fox, William H.
 Foye, A. Frances.
 Fraction, James M.
 Francis, Melton A.
 Frankland, W. Ashby.
 Franklin, E. T. M.
 Franzoni, Chas. W.
 Freeman, George F., U. S. N.
 Freeman, Henry W., jr.
 Freeman, P. L., U. S. A.
 French, Leigh H.
 French, William B.
 French, Wm. J.
 Frey, J. Pau.
 Frischkorn, Robt. Walter.
 Frost, Ellis F.
 Frost, John W.
 Fry, Henry D.
 Fry, Samuel.
 Fuller, Homer G.
 Furcron, Gustavus W.
 Glazato, W. Frank.
 Gallagher, Matilda J.
 Galloway, B. E.
 Gannon, James A.
 Gapon, Nelson.
 Gardner, Joseph N.
 Gardner, Michael E.
 Garnett, Alex. G. P.
 Garrison, Fielding H.
 Garthwaite, Isaac S.
 Garvin, Chas. H.
 Garvin, Mary J.
 Gaston, W. M., U. S. N.
 Gaver, John W.
 Geddings, R. M.
 Gehring, Gustave P.
 Gehringer, Geo. M.
 Gentsch, Daniel C.
 Gibbs, Benjamin F.
 Gibson, Frank E.
 Gibson, John S.
 Gibson, R. H.
 Gilbert, C. Evelyn.
 Gilchrist, Edgar Y.
 Gilchrist, Harry F., U.S.A.
 Gill, William T.
 Gill, Leo A.
 Gillette, Hubbard.
 Gilliland, Orange C.
 Girard, A. C., U. S. A.
 Gladmon, Edwin.
 Glasecock, Alfred.
 Glazebrook, Larkin W.
 Gleeson, James K. P.
 Glennan, J. D., U. S. A.
 Glueck, Bernard.
 Glover, Mervin W.
 Glushak, Leopold.
 Gochenour, David Thomas.
 Godfrey, Carlos E.
 Godfrey, George M.
 Goines, William H.
 Goodall, Henry S.
 Goodman, Hector H.
 Goodman, William R.
 Gosling, Henry L.
 Gracy, George W.
 Graham, James F.
 Graham, Neil D.
 Graham, Neil F.
 Granfield, Charles P.
 Grant, M. L. T.
 Grasty, Thos. S. D.
 Gray, Augustus C.
 Gray, Clarence A.
 Gray, H. M.
 Grayson, Charles S.
 Grayson, C. T., U. S. N.
 Green, Julia M.
 Green, Wm. H.
 Greene, Lawrence M.
 Greene, Louis S.
 Greene, Samuel H., jr.
 Greene, Willard P.
 Greenleaf, Harry S.
 Greenstreet, A. G.
 Griffin, Jno. C.
 Griffin, Thomas A.
 Griffith, Charles I.
 Griffith, Lewis A.
 Griffith, Michael J.
 Griffith, Monte.
 Griffith, S. H., U. S. N.
 Griffith, Thos. E.
 Griffith, Wilmer E.
 Grissinger, Jay W., U. S. A.
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 Groce, S. Marie.
 Groff, Chester C.
 Groover, Thomas A.
 Gross, Alfred G.
 Grove, W. B., U. S. N.
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 Gruel, Louis T.
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 Guibord, Alberta S.
 Boomhower.

- Gunion, John Paul.
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 Hagner, Francis E.
 Halg, Chester R., U. S. A.
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 Hall, D. D.
 Hall, J. Mitchell.
 Hall, Julia R.
 Halpin, James Anthony.
 Hamilton, James R.
 Hamilton, Ralph A.
 Hamilton, Richard T.
 Hammett, Chas. M., Jr.
 Hammond, Thos. M., Jr.
 Hammond, T. Victor, Jr.
 Hampson, Elizabeth.
 Hance, Theodore F.
 Hancock, Eugene Thos.
 Handy, Wm. E.
 Hannon, Samuel L.
 Hanson, Louis H.
 Hardesty, Joseph R. L.
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 Harding, Gena R.
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 Harlan, Tharos.
 Harmer, James B.
 Harrington, Francis E.
 Harrison, Bernard H.
 Harrison, Chas. A.
 Harrison, Charles S.
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 Harrison, James S.
 Harrison, John S.
 Harrison, Julia C.
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 Harvey, Heber McK.
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 Hasseltine, H. E., U. S. P. H. S.
 Hathaway, G. S., U. S. N.
 Haverd, Valery, U. S. A.
 Havener, George C.
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 Hayes, Frank C.
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 Haysner, E. Dolphus.
 Hazen, Henry H.
 Hazen, William P. C.
 Healy, Chas. B.
 Heffebower, Roy C.
 Heger, Anton, Jr.
 Helberger, Ida J.
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 Heller, Irma I.
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 Hensley, James T.
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 Herbert, Joseph Walls.
 Herbst, Wm. P., Jr.
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 Hickling, D. Percy.
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 Hoover, George E.
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 Hord, William T., Jr.
 Hore, Cassius W.
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 Hough, J. Spencer.
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 Howard, D. C., U. S. A.
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 Howard, Joseph T. D.
 Howard, Stanton W.
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 Lopp, William Henry.
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 McConnell, G. H.
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 McIlhenny, Jas. S.
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 McKaig, Joseph F.
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 McKeldin, R. A. W.
 McKenney, A. B.
 McKeon, Frank H.
 McKimmie, Oscar A. M.
 McKnight, Robt. S.
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 McMaster, A. McF.
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 McNeil, Eaton K.
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 McPherson, Dorsey M.
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 McSweeney, Ede J.
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 Macatee, Henry C.
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 Madison, Benjamin F.
 Magee, Geo. H.
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 Main, Russell B.
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 Marble, Ella M. S.
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 Marrison, W. V.
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 Marshall, J. W.
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 Martin, Ulysses G. B.
 Martyn, Herbert E.
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 Mason, Orville J.
 Mason, Robert F.
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 Maulding, James E.
 Mauss, Richard J.
 Maxwell, Maurice H.
 May, Henry A.
 Mayer, Robert D.
 Mazzel, Frank A.
 Mead, Theodore.
 Mebane, William W.
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 Melloy, Arthur N.
 Meredith, John Cabell.
 Merriam, Arthur C.
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 Mess, Wm. A.
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 Miller, Benjamin C.
 Miller, G. Brown.
 Miller, Geo. L.
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 Miller, T. E.
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 Millard, P. McDonald.
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 Mischeaux, Paul J.
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 Mitchell, Andrew B.
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 Molzahn, Albert J.
 Monk, Frederick H.
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 Montgomery, Chas. W.
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 Montgomery, Jacob H.
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 Moore, Howard R.
 Moore, Joseph B.
 Moore, Mark W.
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 Moore, Seth E.
 Moore, W. Cabell.
 Moran, John F.
 Morgan, Edward L.
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 Morgan, William E.
 Morgan, Wm. Gerry.
 Morhart, F. H.
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 Morrison, E. L.
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 Morsell, William F.
 Morton, Dudley J.
 Moser, Jas. M.
 Mottet, Murray G.
 Moulder, Wm. R.
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 Mundell, Joseph J.
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 Munroe, David M.
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 Murdock, Lester H.
 Murphy, Christopher J.
 Murphy, Jos. A.
 Murphy, Walter C.
 Murray, J. Donaldson.
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 Murray, T. Morris.
 Murrell, Edward H.
 Musgrave, Percy.
 Nagel, Patrick E.
 Napper, Walter P.
 Nash, Francis S.
 Neal, J. H.
 Neale, John S.
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 Neill, Thos. E.
 Neilson, John L., U.S.N.
 Nelson, Cyrus W.
 Nelson, H. T., jr., U.S.N.
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 Nesmith, Francis M.
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 Newberne, Robt. E. L.
 Newell, William M.
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 Newgarden, Geo. J., U.S.N.
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 Newman, H. H.
 Newman, Lester.
 Newton, Carrie E.
 Newton, Philip.
 Nichols, Fenton Mercer.
 Nichols, John B.
 Nicholson, Leonard S.
 Norcom, Henderson S.
 Nordhoff-Jung, Sofie A.
 Norcross, Alfred C.
 Norman, Francis A.
 Norris, John L.
 Norris, Phebe R.
 Norton, Edwin H.
 Norton, Rupert.
 Norwood, John C.
 Nowlin, Homer E.
 Nutting, Hugh.
 Ober, George C.
 O'Brien, Emilie Y.
 O'Connell, Jeffery C.
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 O'Donnell, Wm. F.
 O'Donoghue, Jno. A.
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 Olds, William J.
 Olesen, Robert Henry.
 Oliver, H. J., jr.
 O'Malley, Mary.
 Ong, Henry A.
 O'Reilly, Thomas.
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 Owens, Saml. Logan.
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 Patten, William F.
 Patterson, Edwin W.
 Peck, Luke B.
 Pence, Charles W.
 Penrod, Hiram J.
 Penrose, Clement A.
 Percival, Francis R.
 Perkins, Louis J.
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 Peterson, Bowman H.
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 Peyton, Harry A.
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- Poulton, William E.
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 Ragan, Charles A.
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 Ravenburg, Rudolph.
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 Reid, Eva Charlotte.
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 Smith, John J. H.
 Smith, Joseph A.
 Smith, Julia E.
 Smith, Leon J.
 Smith, Lucian C.
 Smith, Percy G.
 Smith, Peter M.
 Smith, Stephen H.
 Smith, Silas Le Roy.
 Smith, Thomas C.
 Smith, Thos. F.
 Snowden, Arthur.
 Snowden, Edgar.
 Snyder, Arthur A.
 Sohon, Elizabeth.
 Sohon, Frederick.
 Somerville, John W.
 Sommer, Henry Ott.
 Sorrell, George R.
 Sothoron, Elmer.
 Sothoron, Levin J.
 Souter, William N.
 Sowers, William F.
 Sowers, Zachariah T.
 Sparks, W. C.
 Spear, Raymond, U. S. N.
 Speiden, Edgar.
 Spellman, Frank J.
 Spencer, John B.
 Spire, Richard Lee.
 Sprigg, William M.
 Squire, Linus T.
 Squire, Susanna J.
 Stalnaker, Faulk, U. S. N.
 Stanley, J. C., U. S. N.
 Stanton, Wm. J.
 Staples, Aubrey H.
 Stark, A. N., U. S. A.
 Starr, Emma M. C.
 Stavely, Albert L.
 Stearns, John B.
 Stearns, P. H. Warren.
 Steltz, P. H., jr.
 Stephenson, Eugene T.
 Stepp, J. U. S. N.
 Sterne, Charles F.
 Stetson, Thomas.
 Stevens, Albert H.
 Stevens, Edward.
 Stevens, Henry C.
 Stevenson, Fare C.
 Stewart, John W.
 Stewart, William A.
 Stiles, George W., jr.
 Stiles, Henry R., U. S. A.
 Stimpson, W. G., P. H. S.
 Stoddard, Leroy R.
 Stokes, Chas. F., U. S. N.
 Stone, Charles G.
 Stone, E. P., U. S. N.
 Stone, Isaac S.
 Stone, James H.
 Stonerod, Rebecca.
 Story, James J.
 Story, Leon E.
 Stout, Henry I.
 Stout, Joseph D.
 Stout, May Turner.
 Stoutenburgh, John A.
 Stowell, Charles H.
 Strawn, Estil Young.
 Street, Daniel B., jr.
 Street, Harlow R.
 Strobel, Mary L.
 Stromberger, H. H.
 Stuart, Albert R.
 Stuart, Garden C.
 Stuart, James C.
 Stutz, John A.
 Suddarth, James L.
 Sudler, Oden R.
 Sudler, Thomas.
 Sullivan, Timothy Joseph.
 Sullivan, Robert Y.
 Sullivan, Wladie L.
 Suit, Chas. W.
 Summy, Benn W.
 Supplee, E. D.
 Suter, Henderson.
 Suter, W. Given.
 Sutherin, John W.
 Sutliff, Milo H.
 Sutton, Dallas G.
 Sutton, R. N.
 Swain, Benj. H.
 Swain, Oliver A. T.
 Swartwout, Frank A.
 Sweet, Fred K.
 Swormstedt, Lyman B.
 Syme, William H.
 Talbott, Edw. M., U. S. A.
 Talbott, John Allan, jr.
 Tappan, Joseph C.
 Tasker, Arthur N.
 Tasset, David W.
 Tayloe, Harry M.
 Taylor, Alfred H.
 Taylor, Chas.
 Taylor, Eugene A.
 Taylor, James E. H.
 Taylor, L. H.
 Taft, Frederick O.
 Terry, Philip R.
 Test, Frederick C.
 Tewksbury, Wm. D.
 Thomas, Ada R.
 Thomas, Carrie J. H.
 Thomas, John D.
 Thomas, Wm. J. G.
 Thompkins, Wm. J.
 Thompson, Alex. C.
 Thompson, Edgar, U. S. N.
 Thompson, Edgar D.
 Thompson, Henry P. P.
 Thompson, J. Ford.
 Thompson, J. Lawn.
 Thompson, Lewis R.
 Thompson, Millard F.
 Thompson, Silas S.
 Thompson, Lewis B.
 Thompson, William J. R.
 Tibbet, Albert F.
 Tignor, Chas. A.
 Tignor, William L.
 Tindall, Percy A.
 Tins, Elijah W.
 Tobias, Henry W.
 Tobin, Richard Francis.

Tolson, Wm. A.	Wallace, Clifton R.	Wertenbaker, Clark I.	Wilson, Wm. H.
Tomlin, Timothy H.	Walsh, Ferdinand C.	West, Charles I.	Wimberly, Geo. W.
Tompkins, Edmund L.	Walsh, John E.	West, John H.	Wingate, D. M.
Tompkins, George J.	Walsh, Ralph.	West, Richard T.	Winslow, John R.
Towner, Frank G.	Walter, Leroy D.	West, William E.	Winter, Eugene C. C.
Townsend, Jas. G.	Walter, William F.	Westlake, John A.	Wirt, Wm. D.
Townshend, G. D.	Ward, Samuel A.	Wetmore, William O.	Wolfe, Edwin P.
Trent, Jos. P.	Ward, William K.	Whaley, A. M., U. S. A.	Wolfe, James T.
Tribble, G. B., U. S. N.	Warfield, William A.	Wharton, John J., jr.	Wood, Amos D.
Trimble, Robt. S.	Waring, James H. N.	Wheatley, Charles.	Wood, George W.
Trow, Walter G.	Waring, J. B. H.	Wheeler, A. J.	Wood, N. N., U. S. A.
Trudgian, Josiah B.	Warman, William H. H.	Whipper, Rollin W.	Wood, Wm. P.
Tudman, James B.	Warner, Carden F.	Whitby, F. D.	Woode, Charles H.
Tucker, William P.	Warner, John W.	White, Charles S.	Woodman, Francis J.
Tucker, Molyneux.	Warner, Richard A.	White, Davenport.	Woods, Edgar L., U. S. N.
Turton, Wm. E.	Warren, Benj. S.	White, Ellen F. C.	Woodson, T. D., U. S. A.
Twoood, Merton E.	Warren, George W.	White, Lyle C.	Woodward, H. Wells.
Tyler, Robert B.	Warren, Stanley S.	Whitney, Charles F.	Woodward, James S.,
Ulmer, Charles A.	Washburn, William S.	Whitney, Lawrence.	U. S. N.
Upsham, William C.	Washington, Richard.	Whitney, Walter.	Woodward, William C.
Upshaw, Thomas L.	Waters, Chas. H.	Whitson, Wm. Essex.	Woolen, L. J.
Vail, Wm. C.	Waters, Chas. L.	Whittington, Thos. A.	Wooster, Mary L.
Vale, Frank P.	Watkins, Edgar W.	Wickliffe, Thompson F.	Wooster, Walter M.
Valentine, Aloysius W.	Watkins, Samuel E.	Wiggins, Dallas B.	Wright, Clarence A.
Van Keuren, Jesse P.	Watkins, Victor E.	Wilder, James R.	Wright, George H.
Van Rensselaer, John.	Watson, Charles L.	Wiley, Clarence C.	Wright, Hamilton K.
Van Sweringer, Walter.	Watson, Edward J.	Wilkinson, Alfred D.	Wright, Wilbur L.
Vaughan, Geo. T.	Watson, James A.	Wilkinson, Oscar.	Wurdemann, H. V.
Vaughan, J. M.	Weaver, Clarence A.	Wilkinson, Walter W.	Wyeth, Marlborough C.,
Vaughan, W. W.	Weaver, C. H., U. S. N.	Willis, John M.	U. S. A.
Verbruycke, J. Russell.	Webb, Daniel A.	Willis, David G.	Wynkoop, James C.
Vincent, Thomas N.	Webb, Frank R.	Williams, Alexander W.	Yarnall, John H.
Vinciguerra, Michael.	Webb, Newton E.	Williams, Daniel H.	Yarrow, Henry C.
Von Esdorf, Rudolph H.	Webb, W. D., U. S. A.	Williams, Greene D.	Yates, Frederick.
Wagner, Henry G.	Webster, Lenora P.	Williams, H. J.	Young, Clement C.
Wagner, Robert S.	Wechsler, Benj. B.	Williams, J. Buxton, jr.	Young, Clifton E.
Wagner, William F.	Weed, Mark D., U. S. A.	Williams, Reginald O.	Young, Glendie B.
Walker, Abbott R.	Weller, Geo. L.	Williams, Tom A.	Young, Wm. G.
Walker, Allen.	Weirich, Samuel T.,	Williams, Walton C.	Yount, Clarence E.
Walker, C. C.	U. S. A.	Williston, Edward D.	Zimmerman, Charles St.
Walker, Lewis A.	Wellington, John R.	Willson, Prentiss.	V
Walker, Mary E.	Wells, Charles A.	Wilmer, William H.	Zinkhan, A. M.
Walker, Robert A.	Wells, Walter A.	Wilson, Anita A.	Zinkhan, Paul H.
Walker, R. R.	Wells, Wm. A., jr.	Wilson, Edmund C. A.	
Wall, Joseph S.	Wenger, Wm. H.	Wilson, Edward C.	
Wallace, C. Jaquius.	Werber, Gustavus E.	Wilson, Lewes D.	

APPENDIX K.

VITAL STATISTICS.

SEPTEMBER 8, 1915.

DEAR SIR: I have the honor to submit herewith a brief analysis of the mortality conditions of the District of Columbia for the calendar year 1914 and various vital statistics tables in connection therewith.

It is to be regretted that no census was taken during the year to establish the population of the District, as had been the custom for several years past, and as a consequence much valuable information from a statistical standpoint is not available. The death rates which appear in the accompanying tables are established therefore upon an estimated population, computed upon the assumption that the rate of increase in population during the past few years has continued during 1914. The population as estimated was 353,664, or 367 more than the enumeration of the police department for the previous year. The white population was 256,049, an estimated increase of 896; the colored population was 97,615, a falling off of 529.

General mortality.—Deaths from all causes during the calendar year 1914 numbered 5,866 and indicates a general death rate of 16.59 per 1,000 estimated population. This rate is somewhat lower than last year, which up to that time was the lowest in the history of the District. The white deaths numbered 3,493 and indicate a death rate of 13.64, and the colored deaths were 2,373, a race rate of 24.31.

Mortality by race.—A statement is herewith appended which shows the ratio of death rates of certain specified diseases among the white and colored races during the calendar year 1914.

Mortality by race, calendar year 1914.

Diseases.	Death rate per 100,000.		Ratio of death rates white to colored.
	White.	Colored.	
Abdominal tuberculosis.....	2.7	18.5	1 to 6.85
Accidents and negligence.....	53.5	66.6	1 to 1.13
Alcoholism.....	6.3	5.2	1 to .83
Bronchitis.....	18.0	51.3	1 to 2.85
Cerebral hemorrhage.....	110.5	139.3	1 to 1.26
Cirrhosis of liver.....	11.7	11.3	1 to .96
Congenital debility.....	3.5	0	1 to ----
Convulsions, infantile.....	3.9	6.1	1 to 1.56
Diarrhea, etc., under 2 years.....	18.7	96.3	1 to 5.15
Dysentery.....	1.6	1.0	1 to .63
Generalized tuberculosis.....	1.6	1.0	1 to .63
Marasmus, under 1 year.....	16.0	30.7	1 to 1.92
Nephritis:			
Acute.....	7.0	33.8	1 to 4.83
Chronic.....	141.7	230.5	1 to 1.63
Pericarditis, endocarditis, myocarditis.....	21.9	55.3	1 to 2.53
Pneumonia (all forms).....	94.4	231.5	1 to 2.45
Premature birth.....	36.7	91.2	1 to 2.49
Puerperal eclampsia.....	2.0	5.1	1 to 2.55
Puerperal septicemia.....	3.9	13.3	1 to 3.41
Pulmonary hemorrhage.....	3	10.3	1 to 12.98
Rheumatism.....	8.6	11.2	1 to 1.30
Rickets.....	0	10.2	1 to .96
Senility.....	35.1	33.8	1 to 1.03
Syphilis (hereditary).....	3	15.4	1 to 19.25
Suicides.....	23.0	7.1	1 to .31
Tuberculosis of lungs.....	101.5	350.6	1 to 3.54
Typhoid fever.....	6.6	28.7	1 to 4.34
Valvular disease of heart.....	167.9	232.6	1 to 1.38
Whooping cough.....	2.0	13.3	1 to 6.65

Mortality in relation to age.—The average age of all decedents during 1914 was 44 years, 3 months, and 10 days. The white decedents average age was 50 years, 2 months, and 5 days; that of the white males being 49 years, 9 months, and 28 days; the white females 50 years, 7 months, and 16 days. The average age of the colored decedents was 35 years, 7 months, and 2 days; the colored males averaged 34 years, 10 months, 21 days, and the colored females 36 years, 3 months, and 26 days. The following table shows the average age of decedents during 1913 and 1914 compared:

Average age of decedents 1913 and 1914 compared.

Race.	Male.			Female.			All.		
	Years.	Months.	Days.	Years.	Months.	Days.	Years.	Months.	Days.
White decedents:									
1913.....	47	4	26	48	2	26	47	9	9
1914.....	49	9	28	50	7	16	50	2	5
Colored decedents:									
1913.....	34	7	26	34	11	3	34	9	13
1914.....	34	10	21	36	3	26	35	7	2
All decedents:									
1913.....	42	5	21	42	6	12	42	6	1
1914.....	44	1	8	44	5	23	44	3	10

Daily mortality.—The average daily mortality, by months, arranged with reference to race and age periods of decedents during the calendar year 1914 may be seen in the next following table:

Average daily mortality, by months, arranged with reference to race and age of decedents during the calendar year 1914.

Month.	Under 1 year.			1 to 4 years, inclusive.			5 years and over.			All ages.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
January.....	0.71	0.81	1.52	0.48	0.32	0.80	10.19	5.58	15.77	11.29	6.71	18.10
February.....	1.04	1.53	2.57	.28	.36	.64	9.75	5.93	15.68	11.07	7.32	18.89
March.....	1.32	.81	2.13	.61	.23	.84	9.94	6.87	16.81	11.87	7.90	19.77
April.....	.77	.86	1.63	.20	.53	.73	8.90	6.37	15.27	9.86	7.77	17.63
May.....	.58	1.00	1.58	.32	.29	.61	8.68	4.48	13.16	9.58	5.77	15.35
June.....	.60	.97	1.57	.13	.40	.53	7.50	4.70	12.20	8.23	6.07	14.30
July.....	1.13	1.22	2.35	.26	.45	.71	7.00	4.48	11.48	8.39	6.16	14.55
August.....	1.16	1.29	2.45	.19	.29	.48	6.35	4.55	10.90	7.71	6.13	13.84
September.....	1.30	1.03	2.33	.20	.37	.57	7.10	4.80	11.90	8.60	6.20	14.80
October.....	.81	.90	1.71	.10	.35	.45	7.03	4.52	11.55	7.94	5.77	13.71
November.....	.96	.97	1.93	.23	.23	.46	9.00	4.90	13.90	10.20	6.10	16.30
December.....	.90	.87	1.77	.10	.13	.23	9.10	4.74	13.84	10.10	5.74	15.84
Total.....	.94	1.02	1.96	.26	.33	.59	8.38	5.16	13.54	9.58	6.51	16.09

From the above statement the month of February appears to have been the most fatal in its daily average for infants under 1 year of age and the month of March for all other ages.

The tabular statement immediately following shows a comparison of mortality in 1913 and 1914, arranged as to the age of decedents generally and of the white and colored races separately.

Relative mortality, 1913 and 1914, by race and age, compared.

Age.	White.			Colored.			Total.		
	1913	1914	Increase (+), decrease (-).	1913	1914	Increase (+), decrease (-).	1913	1914	Increase (+), decrease (-).
Under 1 year.....	400	343	-57	428	372	-56	828	715	-113
1 year.....	72	43	-29	72	57	-15	144	100	-44
2 years.....	38	25	-13	37	26	-11	75	51	-24
3 years.....	26	11	-15	32	22	-10	58	33	-25
4 years.....	14	16	+ 2	11	15	+ 4	25	31	+ 6
5 to 9 years.....	49	49	0	43	39	- 4	92	88	- 4
10 to 19 years.....	103	83	-20	106	124	+18	209	207	- 2
20 to 29 years.....	217	208	- 9	287	285	- 2	504	493	- 11
30 to 39 years.....	326	280	-46	322	343	+21	648	623	-25
40 to 49 years.....	371	360	-11	332	322	-10	703	682	-21
50 to 59 years.....	415	444	+29	283	305	+22	698	749	+ 51
60 to 69 years.....	576	625	+49	249	262	+13	825	887	+ 62
70 to 79 years.....	641	706	+65	154	142	-12	795	848	+ 53
80 to 89 years.....	281	270	-11	54	43	-11	335	313	-22
90 and over.....	39	30	- 9	28	16	-12	67	46	-21
Total.....	3,568	3,493	-75	2,438	2,373	-65	6,006	5,866	-140

Infantile mortality.—Below may be seen a statement showing the death rate among infants less than 1 year of age, calculated upon the ratio of these deaths to every 1,000 registered births. This result is not complete for the reason that from 3 to 5 per cent of births occurring in the District of Columbia escape registration, but the figures are not without value.

Infant mortality (rate per 1,000 registered births).

	1913			1914		
	White.	Colored.	Total.	White.	Colored.	Total.
Reported births.....	4,667	2,236	6,903	4,925	2,205	7,130
Deaths under 1 year.....	400	428	828	343	372	715
Death rates of infants under 1 year based on reported births.....	85.7	191.4	119.9	69.6	168.7	100.3

The following statement of the percentage of infants who died during each month of life during the calendar year 1914 to the total number of deaths under 1 year of age, arranged according to race, shows generally a decreasing liability to death with each additional month of life.

Deaths by age periods under 1 year.

Age.	White.		Colored.		Total.	
	Deaths.	Per cent.	Deaths.	Per cent.	Deaths.	Per cent.
1 day to 1 month.....	192	55.98	150	40.35	342	47.83
1 to 2 months.....	24	7.00	31	8.33	55	7.69
2 to 3 months.....	27	7.87	36	9.67	63	8.81
3 to 4 months.....	19	5.54	29	7.80	48	6.71
4 to 5 months.....	12	3.50	19	5.11	31	4.34
5 to 6 months.....	15	4.37	14	3.76	29	4.06
6 to 7 months.....	17	4.96	22	5.91	39	5.45
7 to 8 months.....	7	2.04	17	4.56	24	3.36
8 to 9 months.....	14	4.08	12	3.22	26	3.63
9 to 10 months.....	8	2.33	17	4.57	25	3.50
10 to 11 months.....	4	1.16	13	3.49	17	2.38
11 to 12 months.....	4	1.17	12	3.23	16	2.24
Total.....	343	100.00	372	100.00	715	100.00

The number of deaths of infants under 1 year of age and the number of registered births for the past 15 years, together with the death rate based upon reported births for each of the years mentioned, is shown in the following:

Births and deaths under 1 year.

Year.	White.			Colored.			Total.		
	Births.	Deaths under 1 year.	Death rate per 1,000 births.	Births.	Deaths under 1 year.	Death rate per 1,000 births.	Births.	Deaths under 1 year.	Death rate per 1,000 births.
1900.....	2,901	612	211	1,867	732	392	4,768	1,344	282
1901.....	2,620	542	207	1,735	692	399	4,355	1,234	283
1902.....	3,086	520	169	1,846	715	387	4,932	1,235	250
1903.....	3,307	513	155	1,817	579	319	5,124	1,092	213
1904.....	3,994	520	130	2,224	608	273	6,218	1,128	181
1905.....	4,140	482	116	2,275	657	289	6,415	1,139	178
1906.....	4,330	572	132	2,199	661	301	6,529	1,233	189
1907.....	4,551	515	113	2,322	610	263	6,873	1,125	164
1908.....	4,835	531	110	2,205	569	258	7,040	1,100	156
1909.....	4,806	502	105	2,220	540	243	7,026	1,042	148
1910.....	4,639	488	105	2,392	582	243	7,031	1,070	152
1911.....	4,772	490	103	2,260	467	207	7,032	957	136
1912.....	4,734	427	90	2,273	472	208	7,007	899	128
1913.....	4,667	400	86	2,236	428	191	6,903	828	120
1914.....	4,925	343	70	2,205	372	169	7,130	715	100

The following list of diseases most prominent during 1914 in causing infant mortality, the number of deaths due to each disease, and the death rate per 1,000 reported births is submitted:

Death rates from certain diseases peculiar to infants under 1 year of age per 1,000 reported births.

Cause of death.	Deaths.	Death rate per 1,000 reported births.
Accidents and negligence.....	14	1.96
Convulsions.....	13	1.82
Congenital debility.....	9	1.26
Bronchitis.....	27	3.79
Syphilis.....	12	1.68
Congenital malformation.....	32	4.49
Marasmus.....	71	9.96
Pneumonia.....	76	10.66
Diarrhea.....	128	17.95
Prematurity.....	183	25.67

Deaths with reference to nativity.—The following table shows the relative mortality for 1913 and 1914 with respect to the nativity of decedents, arranged as to race and sex.

Nativity of decedents—Comparative mortality.

	1913	1914	Increase (+), de- crease (-).
District of Columbia:			
White males.....	641	622	- 19
White females.....	526	509	- 17
Colored males.....	527	507	- 20
Colored females.....	498	465	- 33
Total.....	2,192	2,103	- 89
Other parts of the United States:			
White males.....	977	961	- 16
White females.....	795	790	- 15
Colored males.....	694	682	- 12
Colored females.....	668	680	+ 12
Total.....	3,134	3,103	- 31
Foreign born:			
White males.....	347	335	- 12
White females.....	247	240	- 7
Colored males.....	2	5	+ 3
Colored females.....	2	0	- 2
Total.....	598	580	- 18
Unknown:			
White males.....	22	37	+ 15
White females.....	13	9	- 4
Colored males.....	30	20	- 10
Colored females.....	17	14	- 3
Total.....	82	80	- 2
Grand total.....	6,006	5,866	-140

Mortality with reference to particular diseases.—A table showing the number of deaths during 1914, compared with 1913, classified according to certain defined groups of diseases and arranged with reference to race and sex, is given below. For more detailed information concerning the various diseases comprised in these groups for 1914, the number of deaths from each separate disease, and other data, reference is invited to the general statistical Table No. 1 and its subdivisions, which appears in the appendix.

Disease group.	White.				Colored.				Total.	
	1913		1914		1913		1914		1913	1914
	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.	Male.	Fe- male.		
General diseases.....	488	435	426	396	351	333	350	335	1,607	1,497
Nervous system.....	229	176	250	180	99	111	102	108	615	640
Circulatory system.....	359	230	383	271	171	162	155	178	922	987
Respiratory system.....	143	144	175	166	192	171	169	144	650	664
Digestive system.....	170	174	151	117	140	118	120	99	602	487
Genito-urinary system.....	240	153	248	168	127	113	150	143	633	709
Puerperal state.....		25		29		30		26	55	55
Skin and cellular tissue.....	13	6	8	8	5	6	7	4	30	27
Organs of locomotion.....	1	2	2	5	1	1	2	3	5	12
Malformations.....	21	12	16	10	4	3	5	4	40	35
Infancy.....	115	86	99	82	75	74	78	60	350	319
Old age.....	43	65	36	54	18	25	18	15	151	123
Violence.....	163	66	161	61	67	31	54	35	327	311
Ill-defined diseases.....	2	7		1	3	7	4	5	19	10
Total.....	1,987	1,581	1,955	1,538	1,253	1,185	1,214	1,159	6,006	5,866

Examination of the preceding table shows that during 1914 there were 110 less deaths in the general disease group than during 1913, 115 less from diseases of the digestive system, 3 less from diseases of the skin and cellular tissue, 5 less from congenital malformations, 31 less from diseases peculiar to infancy, 28 less from diseases incident to old age, 16 less from violence, and 9 less from ill-defined group. On the other hand, 25 more deaths were attributed to diseases of the nervous system, 65 more to diseases of the circulatory system, 4 more to diseases of the respiratory system, 76 more to diseases of the genito-urinary system, and 7 more to diseases of the organs of locomotion.

Heart disease.—Organic heart disease was the leading cause of death for 1914 (as was the case for the previous year), with 657 fatalities to its credit, 430 whites and 227 colored.

Pulmonary tuberculosis comes next in importance, with 611 deaths. The white deaths were 260 and the colored 351.

Bright's disease.—The number of deaths due to chronic nephritis during 1914 was 588. This is 99 more than were reported for 1913. The white deaths numbered 363 and the colored 225.

Pneumonia.—There was a decrease in the number of deaths due to this disease during 1914. Four hundred and sixty-six deaths were attributed to pneumonia, 247 white and 226 colored, as against 484—207 white and 277 colored—for 1913.

Diarrhea and enteritis.—The total number of deaths from these causes during 1914 was 199. This is 77 less than the record for the previous year. Of the 199 deaths 142 were infants less than 2 years of age, 48 whites and 94 colored, which shows the lowest death rate for infantile diarrhea in the history of the health department. Following is a table of deaths and death rates for the past 15 years which shows a very material and consistent improvement in infantile bowel trouble during this period. Since 1900 the decline in the death rate as a whole has been 70 per cent. The percentage of decline among the white infants was 78 and among the colored 60. To reduce the above percentage of improvement to actual figures, if the death rate in 1900, from diarrheal diseases of infants under 2 years of age had prevailed in 1914, there would have been 466 deaths from these disorders, when as a matter of fact only 142 died, a saving therefore of 324 lives.

Deaths from diarrheal diseases under 2 years and death rates per 100,000 for the years mentioned.

Years.	Deaths.			Death rates.		
	White.	Colored.	Total.	White.	Colored.	Total.
1900.....	171	217	388	84.2	238.5	131.9
1901.....	128	216	344	61.6	235.3	114.8
1902.....	119	210	329	56.0	226.3	107.7
1903.....	114	168	282	52.4	179.3	90.6
1904.....	143	180	323	64.2	190.3	101.8
1905.....	126	211	337	55.4	220.6	104.3
1906.....	146	172	318	63.1	181.0	97.4
1907.....	127	198	325	54.4	205.9	99.0
1908.....	158	175	333	65.3	179.6	98.2
1909.....	91	159	250	37.0	163.7	72.7
1910.....	120	180	300	47.8	184.3	86.1
1911.....	124	133	257	48.4	135.5	72.6
1912.....	77	110	187	30.3	111.5	53.0
1913.....	85	123	208	33.3	125.4	58.9
1914.....	48	94	142	18.7	96.3	40.1

Scarlet fever and measles.—Only one death to each of these diseases occurred during 1914. Particulars as to the general prevalence of these diseases may be seen in the report of the medical inspector in charge of the contagious-disease service.

Diphtheria.—Thirty-one deaths were attributed to diphtheria during 1914, as against 26 for the previous year. Among the whites the increase was from 22 to 24, and among the colored, from 4 to 7.

Railroad accidents.—Fatalities connected with steam and street railroads numbered 24, an increase over 1913 of 5. Five whites and 2 colored met death from accidents connected with various steam roads in the District, while 13 whites and 4 colored were killed by street railroads.

Automobile accidents.—Deaths due to automobile accidents numbered 18, which is only one less than was recorded in 1913. Seventeen white people and one colored were killed.

Suicides.—The number of people who committed suicide during 1914 was 67—59 whites and 8 colored. During 1913 there were 72—64 whites and 8 colored. Of the various methods employed, 24 (23 white and 1 colored) used firearms; sixteen (15 white and 1 colored) used illuminating gas; 9 (8 white and 1 colored) used carbolic acid; 6 (4 white and 2 colored) used bichloride of mercury; and 2 white persons used arsenic. Four whites committed suicide by hanging, 1 colored by drowning, 2 whites by use of cutting instruments, 1 white and 1 colored by jumping from high places, and 1 colored by burning.

As to the ages of those who died by suicide, 5 were between 10 and 19 years of age, 15 between 20 and 29 years, 18 between 30 and 39 years, 10 between 40 and 49 years, 14 between 50 and 59 years, 3 between 60 and 69 years, 1 between 70 and 79 years, and 1 between 80 and 89 years.

Suicides among married people numbered 32 (25 males and 7 females); among those who were unmarried, 19 (13 males and 6 females); of those who were widowed, 10 (4 males and 6 females); and those whose marital relations were unknown, 6 (4 males and 2 females). A classification of the suicides in the District during 1914, in accordance with nativity, is as follows: Twenty-two were born in the District of Columbia and 27 in other parts of the United States. Eight were foreign born and the nativity of 10 could not be ascertained.

Whooping cough.—There were 18 deaths registered during 1914 from whooping cough, which is one more than occurred in the previous year. The white deaths numbered 5 and the colored 13.

Typhoid fever.—The mortality record for typhoid fever shows 45 deaths during 1914—17 whites and 28 colored. For 1913 the record was 57. The prevalence of typhoid fever, its distribution, cause, etc., and the general character of the disease, appear in the report of the medical inspector.

Comparative mortality.—January to June, 1913 and 1914, inclusive. The following is a summary of the mortality conditions during the first six months of 1913 and 1914, and a statement of the number of reportable diseases registered during the same periods:

Illness and deaths in the District of Columbia during the first half of calendar year 1915, with corresponding figures for first half of calendar year 1914.

Causes of deaths.	Cases of report- able diseases.		Deaths.					
			White.		Colored.		Total.	
	1914	1915	1914	1915	1914	1915	1914	1915
External causes:								
Accidents and negligence.....			71	74	32	29	103	103
Homicides.....			5	6	5	12	10	18
Suicides.....			31	37	6	6	37	43
Sunstrokes.....			1				1	
Natural causes.....			1,764	1,918	1,223	1,315	2,987	3,233
Total.....			1,872	2,035	1,266	1,362	3,138	3,397
Special diseases:								
Acute anterior poliomyelitis.....		1			1		1	
Bronchitis.....			27	34	36	26	63	60
Chicken pox.....	793	694						
Diarrheal diseases—								
Under 2 years.....			10	11	22	17	32	28
2 years and over.....			16	15	5	7	21	22
Diphtheria.....	235	141	11	6	2	1	13	7
Leprosy.....	1							
Measles.....	849	1,645		4	1	1	1	5
Meningitis, epidemic cerebro- spinal.....	6	3	2	4	2		4	4
Pellagra.....	12	11	1	1	5	8	6	9
Pneumonia.....			155	211	162	218	317	429
Pulmonary congestion.....			8	2	3	2	11	4
Pulmonary tuberculosis.....	525	610	136	154	177	207	313	361
Rheumatism, acute.....			14	3	6	2	20	5
Scarlet fever.....	196	604	1	7		1	1	8
Smallpox.....	122	8						
Typhoid fever.....	92	71	5	6	8	6	13	12
Whooping cough.....	296	322	1	6	6	6	7	12
All other diseases.....			1,377	1,454	787	813	2,164	2,267
External causes, as above.....			108	117	43	47	151	164
Total.....	3,127	4,110	1,872	2,035	1,266	1,362	3,138	3,397

Births.—The number of live births registered during the calendar year 1914 was 7,130, which represents the births of 4,925 white children and 2,205 colored. Of these, 6,431 were reported by physicians and 714 by midwives or nurses. There were 124 twin births—72 among the whites and 52 among the colored. The number of illegitimate children born was 532, of which 90 were white and 442 colored.

Stillbirths.—The number of stillbirths recorded during 1914 was 447—179 whites, 217 colored and 51 of unknown race.

Very respectfully,

A. C. PATTERSON, M. D.

Deaths in the District of Columbia Workhouse, at Occoquan, Va., during the calendar year 1914.

Cause of death.	Age of decedent (years).	Length of residence.
Alcoholism.....	49	15 days.
Heart disease.....	54	45 days.
Do.....	45	3 days.
Do.....	30	10 hours.
Myelitis.....	21	91 days.
Syphilis.....	28	8 months.
Tuberculosis, pulmonary.....	52	2 months.
Do.....	35	6 months.
Do.....	21	9 months.

APPENDIX L.

TABLE 1a.—*Showing deaths (stillbirths excluded) and death rates in the District of Columbia during the calendar year 1914, arranged with reference to race and sex, and classified with reference to causes of death.*

Cause of death.	Calendar year 1914.											Total deaths in preceding year.	Variation in deaths in present, as compared with preceding year.				
	Total deaths.			General death rates.			Per-centage of each cause to total mortality.	Deaths by race and sex.						Total by sex.			
	White.	Col-ored.	Total.	White.	Col-ored.	Total.		White.		Colored.				Male.	Fe-male.		
								Male.	Fe-male.	Male.	Fe-male.						
	I. General diseases.																
1 Typhoid fever.....	17	28	45	0.066	0.287	0.127	0.767			9	8	14	14	23	22	57	12
2 Typhus fever.....																	
3 Relapsing fever.....																	
4 Malaria.....	3		3	.012		.008	.051			2	1			2	1	8	5
5 Smallpox.....																	
6 Measles.....		1	1		.010	.003	.017					1		1		24	23
7 Scarlet fever.....	1		1	.004		.003	.017									14	13
8 Whooping cough.....	5	13	18	.020	.133	.051	.307			3	2	7	6	10	8	17	1
9 Diphtheria and croup.....	24	7	31	.094	.072	.088	.529			14	10	4	3	18	13	26	5
10 Influenza (grippe).....	34	31	65	.132	.318	.183	1.108			16	18	14	17	30	35	49	16
11 Miliary fever.....																	
12 Asiatic cholera.....																	
13 Cholera nostras.....																	
14 Dysentery.....	4	1	5	.016	.010	.014	.065			1	3	1	1	4	6	1	1
15 Plague.....																	
16 Yellow fever.....																	
17 Leprosy.....																	
18 Erysipelas.....	5	2	7	.019	.021	.020	.119			2	3	1	1	3	4	3	4
19 Other epidemic diseases.....																	
20 Purulent infection and septicaemia.....	6	9	15	.023	.092	.042	.266			4	2	7	2	11	4	25	10
21 Glanders.....																	
22 Anthrax.....																	
23 Rabies.....	1		1	.004		.003	.017				1				1	1	0
24 Tetanus.....	11	4	15	.043	.041	.042	.266			7	4	3	1	10	5	5	10
25 Mycoses.....																	
26 Pellagra.....	2	12	14	.008	.123	.040	.239			2				2	12	10	4
27 Beriberi.....																	
28 Tuberculosis of lungs.....	260	351	611	1.015	3.696	1.727	10.416			171	89	190	161	361	250	677	66
29 Acute miliary tuberculous.....	2	15	17	.008	.154	.048	.290			2	2	9	6	9	8	23	6

30	Tuberculous meningitis.	21	18	39	.082	.184	.110	.665	13	8	8	10	21	18	36	3	0
31	Tuberculous, abdominal.	7	18	25	.097	.185	.071	.096	4	8	10	1	14	11	25	0	2
32	Pneum. diaphragm.	1	1	6	.007	.081	.017	.085	2	1	3	3	2	3	4	0	0
33	White swelling of other organs.	2	2	4	.007	.041	.011	.088	2	1	1	2	6	2	17	0	0
34	Tuberculous of other organs.	4	4	8	.016	.046	.022	.136	8	1	2	2	7	2	13	8	8
35	Tuberculous, disseminated.	4	1	5	.016	.010	.014	.085	8	1	7	3	7	3	11	1	1
36	Rickets.	10	10	10	.102	.102	.068	.171	1	1	1	1	1	1	11	1	1
37	Syphilis.	14	19	33	.085	.195	.098	.563	12	2	12	7	24	9	11	22	17
38	Gonorrhea.	2	13	17	.008	.154	.048	.290	1	1	9	1	10	1	34	0	0
39	Generalized infection (5 years and over).	1	1	1	.010	.010	.003	.017	1	1	1	1	1	1	1	1	1
40	Cancer and other malignant tumors of blood and vitality:																
	1. Cheek.	1	1	1	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	2. Jaw.	1	4	5	.004	.041	.017	.085	2	1	3	1	2	1	4	2	0
	3. Lip.	1	1	2	.008	.008	.008	.034	1	1	1	1	1	1	1	1	0
	4. Mouth.	4	4	8	.016	.016	.011	.088	3	1	1	1	3	1	6	1	3
	5. Tongue.	6	6	12	.016	.016	.012	.068	1	1	1	1	1	1	1	0	0
	6. Throat.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	Cancer of—																
	1. Liver.	37	13	50	.144	.133	.141	.853	20	17	7	6	27	23	38	12	1
	2. Spleen.	3	3	6	.012	.012	.008	.051	3	1	1	1	3	3	4	4	13
	3. Esophagus.	40	21	61	.156	.215	.172	1.040	20	20	10	11	30	31	74	1	1
41	Cancer of—																
	1. Intestines.	33	9	42	.129	.092	.119	.716	5	28	5	4	10	32	41	1	1
	2. Mesentery.	3	3	6	.012	.012	.008	.051	1	2	1	1	1	2	1	2	1
42	Cancer of—																
	1. Ovary.	4	1	5	.016	.010	.017	.085	4	1	1	1	1	5	1	4	14
	2. Uterus.	28	20	48	.109	.205	.135	.818	1	28	4	20	1	48	62	1	3
43	Cancer of breast.	26	6	32	.102	.061	.080	.546	1	25	1	6	1	31	35	1	1
44	Cancer of—																
	1. Nose and face.	9	9	18	.035	.035	.025	.153	6	3	2	2	6	3	9	9	9
	2. Scalp.	2	2	4	.008	.008	.006	.034	1	1	1	1	1	2	2	2	2
45	Cancer of—																
	1. Abdomen.	4	2	6	.016	.016	.011	.068	4	4	4	4	4	4	1	3	3
	2. Antrum, Highmore.	2	2	4	.007	.007	.006	.034	2	2	2	2	2	2	2	2	2
	3. Bladder.	13	4	17	.051	.051	.036	.222	9	4	4	4	9	4	13	1	1
	4. Brain.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	5. Foot.	1	1	2	.010	.010	.008	.017	1	1	1	1	1	1	1	1	1
	6. Generalized.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	7. Groin.	1	1	2	.010	.010	.008	.017	1	1	1	1	1	1	1	1	1
	8. Kidney.	5	1	6	.020	.010	.017	.102	3	2	1	1	4	2	3	3	3
	9. Larynx.	3	3	6	.012	.011	.011	.068	3	2	1	1	4	2	6	4	4
	10. Leg.	4	4	8	.016	.016	.011	.068	2	2	2	2	2	2	2	2	2
	11. Lung.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	12. Neck.	6	6	12	.023	.023	.017	.102	3	3	3	3	3	3	3	3	3
	13. Orbit.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	14. Pancreas.	1	1	2	.010	.010	.008	.034	1	1	1	1	1	1	1	1	1
	15. Pelvis.	2	2	4	.007	.007	.006	.034	1	1	1	1	1	1	1	1	1
	16. Penis.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	17. Pleura.	1	1	2	.004	.004	.003	.017	1	1	1	1	1	1	1	1	1
	18. Prostate.	3	3	6	.031	.031	.031	.188	8	3	3	3	11	11	6	6	6

TABLE 1a.—Showing deaths (stillbirths excluded) and death rates in the District of Columbia during the calendar year 1914, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Cause of death.	Calendar year 1914.										Total deaths preceding year.	Variation in deaths in present, as compared with preceding year.					
	Total deaths.			General death rates.		Per-centage of each cause to total.	Deaths by race and sex.						Total by sex.				
	White.		Total.	White.	Col-ored.		White.		Colored.				Male.	Fe-male.			
	White.	Col-ored.	Total.	White.	Col-ored.	Total.	Male.	Fe-male.	Male.	Fe-male.			Male.	Fe-male.			
I. General diseases—Continued.																	
Cancer of—Continued.																	
19. Shoulder.....	1	1	2	0.004	0.010	0.006	0.034	1	1	1	1	1	1	2	1	.....
20. Spleen.....	1	1	2	0.004	0.003	0.003	0.017	1	1	1	1	1	1	2	1	.....
21. Thigh.....	1	1	2	0.004	0.010	0.006	0.017	1	1	1	1	1	1	2	1	.....
22. Throat.....	2	1	3	0.007	0.006	0.006	0.034	2	1	3	2	1	1	2	2	.....
23. Ureter.....	1	1	2	0.004	0.003	0.003	0.017	1	1	2	1	1	1	1	1	.....
24. Viscera.....	1	1	2	0.004	0.003	0.003	0.017	1	1	2	1	1	1	1	1	.....
Other tumors.....	14	6	20	0.055	0.061	0.058	0.341	7	7	14	4	2	11	9	10	.....
Rheumatism, acute.....	8	5	13	0.031	0.051	0.036	0.223	2	6	8	2	3	4	9	13	.....
Rheumatism, chronic and gout.....	5	13	18	0.026	0.031	0.028	0.181	2	35	37	2	4	25	39	59	.....
Scurvy.....	58	6	64	0.226	0.061	0.181	1.091	23	4	27	2	4	25	39	59	.....
Diabetes.....	4	2	6	0.016	0.021	0.017	0.103	4	2	6	2	2	6	11	17	.....
Gout, exophthalmic.....	2	2	4	0.008	0.006	0.006	0.034	2	2	4	1	1	2	3	5	.....
Addison's disease.....	6	1	7	0.023	0.010	0.019	0.119	3	4	7	1	2	5	13	18	.....
Leukemia.....	11	5	16	0.043	0.051	0.045	0.273	5	6	11	2	3	7	9	14	.....
Anemia.....	1	1	2	0.004	0.003	0.003	0.017	1	1	2	1	1	1	1	2	.....
Other general diseases:																	
1. Hemophilia.....	1	1	2	0.004	0.021	0.011	0.068	1	1	2	1	2	1	3	5	.....
2. Purpura hemorrhagica.....	2	2	4	0.008	0.021	0.011	0.068	1	1	2	1	2	1	3	5	.....
Alcoholism.....	16	5	21	0.063	0.052	0.059	0.358	12	4	16	5	5	17	22	39	.....
Lead poisoning, chronic.....	1	1	2	0.004	0.003	0.003	0.017	1	1	2	1	1	1	2	3	.....
Other chronic occupational poisonings	1	1	2	0.004	0.003	0.003	0.017	1	1	2	1	1	1	2	3	.....
Mercurial stomatitis.....	1	1	2	0.004	0.003	0.003	0.017	1	1	2	1	1	1	2	3	.....
Total general diseases.....	812	685	1,497	3.171	7.017	4.233	25.520	426	386	812	350	335	776	721	1,607	.....	110
II. Diseases of nervous system and organs of special sense.																	
Epilepsy.....	3	4	7	0.012	0.041	0.020	0.119	2	1	3	3	1	5	2	3	.....	1
Encephalitis.....	2	3	5	0.008	0.031	0.014	0.085	2	1	3	1	2	3	2	24	.....	1
1. Epidemic cerebrospinal.....	15	8	23	0.063	0.032	0.035	0.362	5	10	15	1	5	8	15	24	.....	1
2. Simple.....																	

	13	1	14	.051	.010	.040	.239	9	4	1	10	4	7	7	.....
62 Locomotor ataxia.....	1	.....	1	.004	.....	.003	.017	1	1	.....	1	2	3	1	.....
63 Other diseases of spinal cord:	1	2	3	.004	.021	.008	.051	1	1	1	1	2	3	0	0
1. Bulbar paralysis.....	1	1	1	.004	.....	.003	.017	1	1	1	1	2	3	0	.....
2. Myelitis (simple).....	1	1	1	.004	.....	.003	.017	1	1	1	1	2	3	0	.....
3. Polio-myelitis, chronic.....	4	1	5	.016	.010	.004	.086	2	2	1	3	2	4	1	.....
4. Paralysis agitans.....	1	1	1	.004	.....	.003	.017	1	1	1	1	2	3	1	.....
5. Paraplegia, spastic.....	2	1	1	.008	.....	.006	.034	2	1	.....	2	209	5	1	3
6. Spinal sclerosis.....	283	136	419	1.105	1.333	1.185	7.143	153	130	57	79	385	34	34	.....
64 Cerebral hemorrhage.....	4	4	8	.015	.041	.023	.136	2	2	2	2	4	3	5	.....
65 Cerebral softening.....	7	1	8	.027	.010	.022	.137	1	6	1	2	6	30	5	.....
66 Paralysis, unqualified.....	48	19	67	.187	.195	.139	1.142	43	5	11	8	13	43	19	22
67 General paralysis of insane (paresis).....	10	10	20	.039	.102	.067	.341	1	9	6	7	13	12	8	.....
68 Other forms of mental alienation.....	10	10	20	.039	.103	.066	.341	8	2	9	1	3	30	10	.....
69 Epilepsy.....	10	10	20	.039	.....	.....	.....	8	2	9	1	3	30	10	.....
70 Convulsions (nonpuerperal), 5 years and over.....	1	1	1	.004	.....	.003	.017	1	1	.....	1	1	1	1	.....
71 Convulsions, under 5 years.....	10	6	16	.039	.061	.043	.273	9	1	4	2	3	18	2	.....
72 Chorea.....	1	1	1	.003	.....	.003	.017	1	1	1	1	1	2	2	.....
73 Neuritis.....	2	2	4	.008	.020	.011	.063	.....	2	.....	2	4	2	.....	.....
74 Other diseases of nervous system:	1	1	2	.004	.010	.006	.024	3	1	1	1	1	2	2	.....
1. Cretinism.....	5	5	10	.020	.....	.014	.083	2	2	.....	3	2	6	1	.....
2. Cerebral tumor.....	2	2	4	.004	.021	.011	.063	1	1	1	1	1	15	11	.....
3. Organic brain disease.....	1	1	1	.004	.....	.003	.017	1	1	.....	1	1	1	1	.....
4. Tetany.....	2	2	4	.008	.....	.003	.....	1	1	.....	1	1	2	2	.....
75 Diseases of the eye and adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76 Otitis media.....	2	2	4	.008	.....	.003	.034	1	1	.....	1	1	2	2	.....
Total, nervous system and organs of special sense.....	430	210	640	1.679	2.151	1.810	10.910	250	180	102	352	288	615	25	.....
III. Diseases of circulatory system.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77 Pericarditis.....	5	5	10	.020	.051	.028	.171	3	2	3	6	4	3	7	.....
78 Endocarditis and myocarditis (under 60 years).....	51	49	100	.199	.502	.283	1.705	32	19	24	53	44	60	40	.....
79 Organic heart disease.....	430	227	657	1.679	2.334	1.858	11.200	239	191	103	347	310	716	41	.....
80 Angina pectoris.....	19	4	23	.071	.041	.085	.222	14	5	1	16	8	20	3	.....
81 Aneurism.....	7	6	13	.027	.081	.037	.222	4	1	4	10	3	10	1	.....
82 Arteriosclerosis.....	116	27	143	.453	.277	.404	2.436	76	40	12	88	55	94	40	.....
83 Embolism and thrombosis.....	20	12	32	.078	.123	.090	.646	8	12	2	10	22	10	22	.....
Diseases of veins:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1. Phlebitis.....	2	1	3	.008	.010	.008	.051	2	1	.....	2	1	2	1	.....
2. Varicose veins.....	1	1	1	.004	.....	.003	.017	.....	.....	.....	.....	1	1	1	.....
Diseases of lymphatic system:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1. Hypertrophy of thymus.....	1	.....	1	.004	.....	.003	.017	1	.....	1	1	1	.....	1	.....
2. Lymphangitis.....	2	2	4	.008	.021	.011	.063	2	.....	1	3	1	.....	4	.....
Hemorrhages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, circulatory system.....	654	333	987	2.554	3.412	2.790	16.825	333	271	155	538	449	922	65	.....

TABLE 1a.—*Showing deaths (stillbirths excluded) and death rates in the District of Columbia during the calendar year 1914, arranged with reference to race and sex, and classified with reference to causes of death—Continued.*

Cause of death.	Calendar year 1914.															Total deaths preceding year.	Variation in deaths in present, as compared with preceding year.			
	Total deaths.			General death rates.			Per-centage of each cause to total mortality.	Deaths by race and sex.				Total by sex.								
								White.		Colored.										
								Col-ored.	Total.	White.	Col-ored.			White.					Colored.	
														Male.	Fe-male.				Male.	Fe-male.
Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.															
						In-crease.	De-crease.													
IV. Diseases of respiratory system.																				
86 Diseases of nasal fossae.....																				
87 Diseases of larynx:																				
1. Laryngitis, septic.....	4	4	4	0.016	.....	0.011	0.008	.....	.....	2	2	.....	.....	2	2	.....	4	.....	
2. Larynx, paralysis of.....		1	1		0.010	.....	0.017	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	
3. Laryngismus stridulous.....	2	2	2	.008	.006	.006	.034	.006	.034	2	2	.....	.....	2	2	.....	.....	.....
4. Oedema of glottis.....	2	2	2	.008	.006	.006	.034	.006	.034	1	1	.....	.....	1	1	.....	.....	.....
Hyperthyroidism.....	1	1	1	.004	.....	.003	.017	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bronchitis:																				
1. Acute, under 1 year.....	2	15	17	.008	.154	.048	.280	.048	.280	1	1	7	8	8	9	10	7	.....	
2. Acute, 1 year and over.....	8	4	12	.031	.041	.034	.205	.034	.205	3	5	1	3	4	8	16	.....	.....
3. Capillary.....	6	15	20	.020	.154	.057	.341	.057	.341	2	3	10	8	12	8	24	.....	.....
Bronchitis, chronic.....	31	16	47	.121	.164	.133	.801	.133	.801	10	21	8	8	18	29	49	.....	.....
Pneumonia, broncho, catarrhal, etc.:																				
1. Under 1 year.....	13	32	45	.051	.328	.127	.787	.051	.328	8	5	15	17	23	22	44	1	.....	
2. 1 year and over.....	79	62	141	.308	.635	.389	2.404	.308	2.404	40	39	32	30	72	69	101	40	.....	
Pneumonia, lobar, etc.:																				
1. Under 1 year.....	7	24	31	.027	.246	.088	.529	.027	.246	.....	7	17	7	17	14	64	.....	.....
2. 1 year and over.....	143	108	251	.533	1.106	.709	4.230	.533	4.230	77	66	58	50	135	116	275	.....	.....
Pleurisy and emphysema.....	15	9	24	.058	.092	.068	.409	.058	.409	9	6	3	3	15	9	27	18	.....	
Pulmonary congestion.....	9	3	12	.035	.031	.034	.205	.035	.205	6	3	1	2	7	5	21	.....	.....
Pulmonary edema.....	7	2	9	.027	.020	.025	.133	.027	.133	.....	.....	.....	.....	6	3	4	.....	.....
Pulmonary gangrene.....	2	1	3	.008	.010	.008	.051	.008	.051	1	1	.....	.....	1	2	4	.....	.....
Asthma.....	3	1	4	.012	.012	.012	.204	.012	.204	1	2	4	5	5	7	8	.....	.....
Pulmonary emphysema.....	1	1	2	.004	.010	.006	.034	.004	.034	1	.....	.....	.....	2	.....	.....	.....	.....
Other diseases of respiratory system:																				
1. Fibroid pneumonia.....	1	.....	1	.004	.....	.003	.017	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
2. Pulmonary abscess.....	4	5	9	.016	.010	.014	.085	.016	.085	3	1	1	.....	4	1	3	.....	.....
3. Pulmonary hemorrhage.....	2	10	12	.008	.103	.033	.204	.008	.204	2	.....	8	2	10	2	13	.....	.....
Total, respiratory system.....	341	313	654	1.332	3.206	1.849	11.149	1.332	1.849	175	166	169	144	344	310	650	4	.....	

V. Diseases of digestive system.

	2	2	.008	.006	.084	2	117	120	99	271	216	602	115
99 Stomatitis.....	2												
100 Diseases of pharynx:	2		.008	.006	.084								
1. Abscess, retropharyngeal.....	2	2	.008	.006	.084								
2. Tonsillitis.....	2	2	.004	.003	.017	1		1	1	1	2	1	1
Stricture of esophagus.....	1		.043	.041	.256	11		1	3	12	3	18	3
Gastric ulcer.....	11	4	.008	.135	.818	9	16	13	10	22	26	56	8
Other diseases of stomach:	26	43	.082	.154	.088	9	7	7	8	16	15	44	13
1. Gastritis.....	16	31	.066	.066	.034	2					2	0	0
2. Pyloric stenosis.....	2	2	.137	.963	2.421	27	21	60	34	87	55	208	86
3. Pyloric stenosis, under 2 years.....	48	94	.145	.205	.972	23	14	9	11	32	25	68	11
Diarrhea and enteritis, 2 years and over.....	37	20	.086	.104	.631	12	10	7	8	19	18	38	2
Ankylostomiasis.....	22	15	.027	.051	.034	4	3	3	2	7	5	17	1
Intestinal parasites.....	7	5	.113	.133	.716	17	12	6	7	23	19	35	5
Hernia.....	29	13	.004	.003	.017	1	1			1	1	1	
Intestinal obstruction.....	1		.004	.003	.017	1							
Other diseases of intestines:	1		.004	.003	.017	1							
1. Autointoxication, intestinal.....	1		.004	.003	.017	1							
2. Ischio-rectal abscess.....	1		.004	.003	.017	1							
3. Stricture of bowels.....	1		.004	.003	.017	1							
Icterus gravis.....	30	11	.117	.118	.699	21	9	8	3	29	12	37	4
Hydatid tumor of liver.....	4	3	.016	.031	.119	1	3	1	2	2	5	8	1
Hepatic cirrhosis.....	10	4	.039	.041	.239	5	5	1	3	6	8	6	3
Hepatic calculi.....	7		.027	.020	.119	6	1			1	1	10	1
Other diseases of liver:	1		.010	.003	.017								
1. Cholecystitis.....	1		.043	.063	.324	2	9	1	7	3	16	24	1
2. Hepatic abscess.....	8	19	.010	.010	.017								
3. Hepatic congestion.....	1		.004	.003	.017								
Diseases of spleen.....	1		.004	.003	.017								
Peritonitis.....	1		.004	.003	.017								
Other diseases of digestive system:	1		.004	.003	.017								
1. Cystis of pancreas.....	1		.004	.003	.017								
2. Subphrenic abscess.....	1		.004	.003	.017								
Total digestive system.....	208	219	487	1,046	2,244	1,378	8,302	151	117	120	99	271	216

VI. Nonvenereal diseases of genito-urinary system.

	18	33	51	.070	.338	144	8	10	17	16	25	28	26
119 Nephritis, acute.....	363	225	588	1.417	2.306	1.662	10.024	143	117	108	332	256	77
120 Nephritis, chronic (Bright's disease).....													99
121 Chyluria.....													
Other diseases of kidneys and adnexa:	6	2	8	.023	.021	.023	136	4	2		6	2	2
1. Pyonephrosis.....	1		4	.016	.010	.003	.017		1		1	0	0
2. Urinary suppression.....	4	1	4	.016	.010	.003	.017		1		1	3	1
Urinary calculi.....	5	5	10	.020	.051	.028	.170	4	1	4	8	9	1
Cystitis.....													

TABLE 1a.—Showing deaths (stillbirths excluded) and death rates in the District of Columbia during the calendar year 1914, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Cause of death.	Calendar year 1914.												Total deaths preceding year.	Variation in deaths in present, as compared with preceding year.								
	Total deaths.				General death rates.			Per-centage of each cause to total mortality.	Deaths by race and sex.							Total by sex.						
	White.		Total.	Colored.	White.	Colored.	Male.		Fe-male.	Male.	Fe-male.	Male.				Fe-male.						
	White.	Colored.															White.	Colored.	Male.	Fe-male.	Male.	Fe-male.
White.	Colored.	Total.	White.	Colored.	Total.	Male.	Fe-male.	Male.	Fe-male.	Increase.	Decrease.											
VI. Nonvenereal diseases of genito-urinary system—Continued.																						
Diseases of urethra:																						
1. Urethral abscess.....	1		1	0.010		0.003	0.017		1		1		1		1							
2. Urethral stricture.....	1		1	0.004		0.003	0.034		1		2		2		1							
3. Urinary extravasation.....	1		1			0.003	0.017				1		1		1							
4. Vesical fistula.....	1		1	0.011		0.003	0.017								1							
Hypertrophy of prostate.....	10	5	15	.039		.042	.256		10	5	15		11		4							
Nonvenereal diseases of male genital organs:																						
1. Circumcision.....	2		2	.008		.006	.034		2		2		2		2							
2. Hydrocele, purulent.....	1		1	.010		.003	.017			1	1		1		1							
Uterine hemorrhage (nonpuerperal).....	1		1	.010		.003	.017								1							
Uterine fibroids.....	3	7	10	.012	.072	.028	.171		3		7		8		2							
Other diseases of uterus:																						
1. Hysterectomy.....	1		1	.004	.010	.006	.034		1		1		2		2							
2. Pelvic abscess.....	1	2	3	.004	.021	.008	.051		1		2		3		5							
Ovarian cysts.....	1	1	2	.010	.010	.003	.017				1		1		0							
Ovarian abscess.....	2	1	3	.008	.011	.008	.051		2		3		3		3							
Salpingitis.....	2	4	4	.041	.041	.011	.068				4		4		7							
Diseases of the breast (nonpuerperal).....																						
Total nonvenereal diseases of genito-urinary system.....	416	293	709	1.625	3.002	2.004	12.065		248	168	398	311	633		76							
VII. The puerperal state.																						
Accidents of pregnancy:																						
1. Abortion, induced.....	4	1	5	.016	.010	.014	.065			4					5							
2. Ante partum hemorrhage.....	1	1	2		.003	.003	.017								1							
3. Ectopic gestation.....	3		3	.012	.021	.014	.066			3			2		3							

[illegible]

TABLE 12.—Showing deaths (stillbirths excluded) and death rates in the District of Columbia during the calendar year 1914, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Cause of death.	Calendar year 1914.											Total deaths in preceding year.	Variation in deaths in preceding year.	
	Total deaths.				General death rates.			Deaths by race and sex.					Total by sex.	
	White.	Col-ored.	Total.	Total.	White.	Col-ored.	Total.	White.		Colored.			Male.	Fe-male.
								Male.	Fe-male.	Male.	Fe-male.			
X. Malformations.														
Congenital malformations:														
1. Anencephalus.....	4		4	0.016	0.011	0.068		3	1		3	1	3	
2. Bile duct, malformation of.....	2		2	0.008	0.004	0.034		2			2		2	
3. Cleft palate and hare lip.....	2		2	0.008	0.005	0.035		1	1		1	1	1	
4. Hydrocephalus.....	1		1	0.004	0.003	0.017		1			1		1	
5. Liver, enlarged.....	1		1	0.004	0.003	0.017			1			1		
6. Microcephalus.....		1	1		0.003	0.017							1	
7. Open foramen ovale.....	11	7	18	0.042	0.022	0.087		6	5		10	8	10	
8. Rectum, absence of.....	1		1	0.004	0.003	0.017							1	
9. Spina bifida.....	3	1	4	0.012	0.010	0.068		2	1		2	2	6	
10. Urethra, absence of.....	1		1	0.004	0.003	0.017			1			1		
Total malformations.....	26	9	35	0.102	0.099	0.597		16	10		21	14	40	
XI. Early infancy.														
Congenital debility, icterus, sclerema:														
1. Atrophy, infantile.....	6		6	0.023	0.017	0.102		2	4		2	4	1	
2. Congenital debility.....	9		9	0.035	0.025	0.153		3	6		3	6	16	
3. Icterus neonatorum.....	1	2	3	0.004	0.003	0.011		1					1	
4. Marasmus, under 1 year.....	41	30	71	0.160	0.307	1.210		25	16		42	29	97	
5. Prematurity.....	94	89	183	0.367	0.513	3.120		51	43		98	85	183	
Other causes peculiar to early infancy:														
1. Asphyxia neonatorum.....	6	3	9	0.024	0.031	0.154		4	2		6	3	5	
2. Ecchymosis.....	8	3	11	0.031	0.031	0.198		5	3		7	4	9	
3. Eclampsia.....	11	4	15	0.043	0.041	0.266		9	6		8	7	18	
4. Haemophilia.....	3	2	5	0.012	0.021	0.085		1	2		3	2	6	
5. Placenta previa (child).....	1		1	0.004	0.003	0.017							1	
6. Umbilical hemorrhage.....		3	3		0.031	0.051							2	
7. Umbilical sepsis.....	1	2	3	0.004	0.020	0.051		1	1		2	1	3	

153	Inanition (insufficient nourishment).	181	138	319	.707	1.414	.902	5.438	99	82	78	60	177	142	350		
	Total, early infancy.																31
154	XII. Old age.																
	Sanility.	90	33	123	.351	.338	.348	2.097	36	54	18	15	54	69	151		28
155	XIII. External causes.																
	Suicide by poison:																
	1. Arsenic.	2	2	2	.008	.021	.006	.084	1	1	1	1	1	1	1	1	
	2. Bichloride of mercury.	4	2	6	.016	.021	.025	.102	1	3	1	1	2	4	4	2	
	3. Carbolic acid.	8	1	9	.031	.010	.008	.153	6	3			5	4	20	11	
156	Suicide:																
	Illuminating gas.	15	1	16	.054	.010	.045	.273	9	6	1	1	10	6	17	2	1
157	Hanging.	4		4	.016		.011	.093	3	1			3	1	6	2	
158	Drowning.		1	1		.010	.003	.017				1	2	1	5	4	
159	Firearms.	23	1	24	.060	.010	.008	.409	20	3	1		21	3	11	13	
160	Cutting instruments.	2		2	.003	.006	.004	.034	2				2		5	3	
161	Jumping from high places.	1	1	2	.004	.010	.005	.031	1		1		2		2	0	
162	Crushed.														1	1	
163	Burning.		1	1		.010	.003	.017				1	1	1	2	1	1
164	Pitman poisoning.	1			.004		.003	.017	1				1				1
165	Other accidental poisonings:																
	1. Alcohol.		1	1		.010	.003	.017			1		1		1	0	0
	2. Carbolic acid.			1	.004		.002	.017	1				1		2	0	1
	3. Opium.	1		1	.004		.003	.017		1			1	1			
	4. Potassium iodide.		1			.010	.003	.017				1				1	
	5. Roach powder.			1	.004		.003	.017	1				1			1	
	6. Strychnine.	1		1	.004		.002	.017		1			1	1			
	Confagration, burns.	1		1		.010	.003	.017				1			2	1	
166	Burns and scalds.		17	37	.075	.174	.104	.631	7	13	7	10	14	23	39	2	2
167	Absorption of deleterious gases (accidental):	20															
168	1. Illuminating gas.	14	4	18	.055	.041	.051	.307	11	3	2	2	13	5	19	1	1
	2. Overlaid child.	1	3	4	.004	.031	.011	.063		1	1	2	1	3	4	0	0
	3. Strangled by scarf around neck.																
169	Drowning (accidental).		1	1			.010	.003				1		1	1	1	
170	Firearms (accidental).	17	10	27	.066	.102	.076	.462	16	1	9	1	25	2	22	5	
171	Cutting instruments (accidental).	1		1	.004		.003	.017					1		9	1	8
172	Falls (accidental).								1				1		1	1	1
173	Mines and quarries, traumatism in.	36	10	46	.141	.103	.130	.784	26	10	7	3	33	13	56	10	10
174	Machinery, traumatism caused by:																
	1. Elevator.	3	3	6	.012	.031	.017	.103	2	1	3		5	1	4	2	2
	2. Explosion, water range.	1		1	.004		.003	.017		1			2	1	4	2	
	3. Explosion, cylinder head.	1	2	2	.021	.006	.034	.084		2	2		2		2	2	
	4. Shuffling, caught in.	2			.008		.006	.031	2								

TABLE 1a.—Showing deaths (stillbirths excluded) and death rates in the District of Columbia during the calendar year 1914, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Cause of death.	Calendar year 1914.													Total deaths preceding year.	Variation in deaths in preceding year.	
	Total deaths.			General death rates.				Per-centage of each cause to total mor-tality.	Deaths by race and sex.				Total by sex.			
				White.		Col-ored.	Total.		White.		Colored.					
	White.	Col-ored.	White.	Total.	Male.		Fe-male.	Male.	Fe-male.	Male.	Fe-male.					
																In-crease.
XIII. External causes—Continued.																
Vehicles, railways, etc., traumatism by:																
1. Automobiles.....	17	1	18	0.066	0.010	0.051	0.307	13	4	1	14	4	19	1		
2. Bicycle.....	2		2	0.008		0.005	0.034	2			2		2	2		
3. Cart, run over by.....	1		1	0.004		0.003	0.017	1			1		1	1		
4. Coasting in shallow water.....	1		1	0.004		0.003	0.017	1			1		1	1		
5. Diving in shallow water.....	1		1	0.004		0.003	0.017	1			1		1	1		
6. Hammer head, struck by.....	1		1	0.004		0.003	0.017	1			1		1	1		
7. Hammer head, struck by.....	5	2	7	0.020	0.021	0.020	0.119	5	2	2	7	3	10	2		
8. Railway, steam.....	13	4	17	0.051	0.041	0.048	0.260	12	1	2	14	3	16	7		
9. Railway, street.....	1		1	0.004		0.003	0.017	1			1		2	1		
10. Killed by horse.....																
11. Starvation.....																
12. Exposure to cold.....	3	1	3	0.012	0.010	0.008	0.051	1	2		1	2	1	1		
13. Insolation.....																
14. Lightning.....	1															
15. Electric shock.....																
16. Homicide, firearms.....	8	4	12	0.031	0.041	0.034	0.205	3	5		1	6	11	0		
17. Homicide, cutting instruments.....	2	7	9	0.008	0.072	0.025	0.154	2		3	5	4	4	5		
18. Homicide, other forms:																
1. Assault with brick.....	3	2	5	0.012	0.021	0.014	0.085	3	2	2	5	2	5	5		
2. Abortion, criminal.....	2	2	2		0.021	0.006	0.034						2	2		
3. Thrown from Pennsylvania Avenue Bridge.....																
Fracture of skull, unknown cause.....	1	1	1		0.010	0.003	0.017			1	1	1	1	1		
Other external violence:																
1. Amputation (fracture of thigh).....	1		1	0.004		0.003	0.017	1			1		1	1		
2. Dynamite explosion.....		3	3		0.031	0.008	0.051			3	3	3	3	3		
3. Falling bodies, struck by.....	1		1	0.004		0.003	0.017	1			1	1	2	1		
4. Foreign body in larynx.....	1		1	0.004		0.003	0.017	1			1		1	1		
5. Rupture of kidney, heavy lifting.....	1		1	0.004		0.003	0.017	1			1		1	1		
Total, external causes.....	222	89	311	.867	.912	.879	5.302	161	61	54	215	96	327		16	

XIV. Ill-defined diseases.

187	Ascites.....	2	2	.....	.021	.006	.034	.....	.....	1	1	1	1	2	0	0
188	Sudden death.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
189	Ill-defined, or not specified:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1. Abdominal fistula.....	1	1	.....	.010	.003	.017	.....	.....	.....	.....	.....	.....	.....	1	.....
	2. Dentition.....	3	3	.....	.031	.008	.051	.....	.....	2	1	2	1	1	2	.....
	3. Marasmus (1 to 69 years).....	3	3	.....	.030	.008	.051	.....	.....	1	2	1	1	15	0	12
	4. Unknown cause.....	1	1	.....	.004	.003	.017	.....	.....	.....	.....	.....	.....	1	0	0
	Total, ill-defined diseases.....	1	9	10	0.004	0.092	0.170	.....	.....	1	4	5	4	6	19	9
RECAPITULATION.																
I.	General diseases.....	812	685	1,497	3.171	7.017	4.233	25,520	426	386	350	335	776	721	1,607	110
II.	Diseases of nervous system and organs of special sense.....	430	210	640	1.679	2.151	1.810	10,910	250	190	102	108	352	288	615	25
III.	Diseases of circulatory system.....	654	333	987	2.554	3.412	2,780	16,825	385	271	135	178	538	449	922	65
IV.	Diseases of respiratory system.....	341	313	654	1.832	3.206	1,849	11,449	175	166	109	144	344	310	650	4
V.	Diseases of digestive system.....	268	219	487	1.046	2.244	1.378	8,302	151	117	120	99	271	216	602	115
VI.	Diseases of genitourinary system.....	416	293	709	1.625	3.002	2,004	12,085	248	168	150	143	398	311	633	76
VII.	The puerperal state.....	29	26	55	.113	.266	.156	.938	.....	29	.....	26	.....	55	55	0
VIII.	Diseases of skin and cellular tissue.....	16	11	27	.063	.113	.076	.460	8	8	7	4	15	12	30	3
IX.	Diseases of organ of locomotion.....	7	5	12	.027	.051	.034	.204	2	5	2	4	4	18	40	7
X.	Malformations.....	26	9	35	.102	.092	.090	.597	16	10	4	4	21	14	40	5
XI.	Early infancy.....	181	138	319	.707	1.414	.902	5,438	99	82	78	60	177	143	350	31
XII.	Old age.....	33	33	123	.351	.333	.348	2,097	36	54	18	15	69	69	151	28
XIII.	External causes.....	222	89	311	.867	.012	.870	5,302	161	61	54	35	215	96	327	16
XIV.	Ill-defined diseases.....	1	9	10	.004	.092	.038	.170	.....	1	4	5	4	6	19	9
	Total from all causes.....	3,493	2,373	5,866	13.641	24.310	16.586	100,000	1,955	1,538	1,214	1,156	3,169	2,697	6,006	317

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death.

Classification No.	Cause of death.	Total deaths year 1914.	January.						February.						March.						April.						May.						June.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			I. General diseases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1	Typhoid fever.....	45			1	2	2					1	1					1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	Total deaths year 1914.	January.						February.						March.						April.						May.						June.					
			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.								
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.								
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.								
I. General diseases—Continued.																																						
48	Rheumatism, chronic, and gout.	13				1											2		1																			
49	Scarvy.																																					
50	Diabetes.	64	4	4		1																																
51	Gonorrhea, exophthalmic.	6																																				
52	Addison's disease.	2																																				
53	Leukemia.	7																																				
54	Anemia.	16	2			1																																
55	Other general diseases:																																					
	1. Hemophilia.	1																																				
	2. Purpura hemorrhagica.	4																																				
56	Alcoholism.	21	1	2																																		
57	Lead poisoning, chronic.	1																																				
58	Other chronic occupational poisonings.																																					
59	Mercurial stomatitis.	1																																				
	Total general diseases.	1,497	50	33	34	27																																
II. Diseases of nervous system and organs of special sense.																																						
60	Encephalitis.	7																																				
61	Meningitis:																																					
	1. Epidemic cerebro-spinal.	5																																				
	2. Simple.	23	1	1		1																																
62	Locomotor ataxia.	14	2																																			
63	Other diseases of spinal cord:																																					
	1. Bulbar paralysis.	1																																				
	2. Myelitis (simple).	3																																				
	3. Poliomyelitis, chronic.	1																																				
	4. Paralysis agitans.	5																																				
	5. Paraplegia, spastic.	1																																				
	6. Spinal sclerosis.	2																																				
64	Cerebral hemorrhage.	419	17	18	9	6	14	21	5	8	17	16	10	6	19	11	7	13	11	6	2	9	6	8														
65	Cerebral softening.	8																																				
66	Paralysis, unqualified.	8	1	1		1																																
67	General paralysis of insane (paralysis).	67	5																																			

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TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classi- fication No.	Cause of death.	Total deaths year 1914.	January.						February.						March.						April.						May.						June.																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	F.	M. F.	M.	

110	Other diseases of intestines: 1. Antointoxication, intestinal. 2. Ischiorectal abscess. 3. Stricture of bowel.	1 1 1																									
111	Icterus gravis.																										
112	Hydatid tumor of liver.																										
113	Hepatic cirrhosis.	41																									
114	Hepatic calculi.	7																									
115	Other diseases of liver: 1. Cholecystitis. 2. Hepatic abscess. 3. Hepatic congestion.	14 7 1																									
116	Diseases of spleen.	1																									
117	Peritonitis.																										
118	Other diseases of digestive system: 1. Cysts of pancreas. 2. Subphrenic abscess.	19 1 1																									
Total, digestive system.		487	12	10	7	7	16	7	4	6	8	9	5	7	15	10	8	11	5	13	6	4	9	9	7	10	
VI. Nonvenereal diseases of genitourinary system.																											
119	Nephritis, acute.	51	1	1	2	1	1	1	2	1	2	1	5	1													
120	Nephritis, chronic (Bright's disease).	588	17	19	13	5	15	11	11	3	18	14	9	15	20	5	12	13	21	14	8	9	22	10	7	9	
121	Chyluria.																										
122	Other diseases of kidneys and adnexa: 1. Pyonephrosis. 2. Urinary suppression.	8 1 1																									
123	Urinary calculi.	4																									
124	Cystitis.	10																									
125	Diseases of urethra: 1. Urethral abscess. 2. Urethral stricture. 3. Urinary extravasation.	1 2 1																									
126	4. Vesical fistula.	1																									
127	Hypertrophy of prostate.	15	3																								
Nonvenereal diseases of male genital organs:																											
128	1. Circumcision.	2																									
129	2. Hydrocele, purulent.	1																									
130	Uterine hemorrhage (nonpuerperal).	1																									
131	Uterine fibroids.	10																									
132	Other diseases of uterus: 1. Hysterectomy. 2. Pelvic abscess.	2 3 3																									
133	Ovarian cyst. Ovarian abscess. Salpingitis.	1 1 4																									
Diseases of the breast (nonpuerperal).																											
Total, nonvenereal diseases of genitourinary system.		709	23	21	15	6	17	13	15	6	20	17	14	21	28	6	14	19	24	16	9	11	26	12	10	11	

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classi- fica- tion No.	Cause of death.	Total deaths year 1914.	January.						February.						March.						April.						May.						June.					
			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.								
			M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.						
VII. The puerperal state.																																						
134	Accidents of pregnancy:	5																																				
	1. Abortion induced.....	1																																				
	2. Ante-partum hemorrhage.....	1																																				
	3. Ectopic gestation.....	1																																				
135	Puerperal hemorrhage:	2																																				
	1. Placenta previa (mother).....	1																																				
	2. Post-partum hemorrhage.....	1																																				
136	Other accidents of labor:	2																																				
	1. Cesarean section.....	2																																				
	2. Childbirth (mother).....	4																																				
137	Puerperal septicemia and fever.....	23																																				
138	Puerperal eclampsia and albuminuria.....	10																																				
139	Puerperal embolism.....	2																																				
140	Puerperal insanity.....	1																																				
141	Puerperal diseases of the breast.....	1																																				
	Total, the puerperal state.....	55	2						3						1		3				1		4				4		5		4							
VIII. Diseases of skin and cellular tissue.																																						
142	Gangrene:	6																																				
	1. Of extremities.....	1																																				
	2. Gangrenous stomatitis.....	3																																				
	3. Scald.....	2																																				
143	Carbuncle.....	4																																				
144	Abscess, acute:	1																																				
	1. Of mediastinum.....	2																																				
	2. Of neck.....	1																																				
	3. Of scrotum.....	1																																				
	4. Cellulitis.....	4																																				
145	Other diseases of skin and adnexa:	2																																				
	1. Eczema.....	1																																				
	2. Elephantiasis.....	1																																			</	

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TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classi- fica- tion No.	Cause of death.	Total deaths year 1914.	January.						February.						March.						April.						May.						June.					
			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.								
			M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.						
XIII. External causes.																																						
155	Suicide by poison: 1. Arsenic..... 2. Bichloride of mercury..... 3. Carbolic acid..... Suicide: Illuminating gas..... Hanging..... Drowning..... Firearms..... Cutting instruments..... Jumping from high places..... Crushed..... Burning..... Promain poisoning..... Other accidental poisonings: 1. Alcohol..... 2. Carbolic acid..... 3. Opium..... 4. Potassium iodide..... 5. Roach powder..... 6. Strychnine..... Conflagration, burns..... Burns and scalds..... Absorption of deleterious gases (accidental): 1. Illuminating gas..... 2. Overhead child..... 3. Strangulated by scarf around neck..... Drowning (accidental)..... Firearms (accidental)..... Cutting instruments (accidental)..... Falls (accidental)..... Mines and quarries, traumatism in.....	2 6 9 16 4 1 178 1 139 24 2 161 162 163 164 165 																																				

TABLE 1b.—*Showing deaths (stillbirths excluded), in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.*

Classi- fication No.	Cause of death.	Total deaths Year 1914.	January.		February.		March.		April.		May.		June.						
			White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.					
M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.						
RECAPITULATION.																			
I.	General diseases.....	1,497	50	33	34	33	34	28	38	33	34	45	28	35	17	38	30	25	27
II.	Diseases of nervous system and organs of special sense.....	640	31	22	15	8	25	24	7	9	24	22	13	7	24	16	11	11	4
III.	Diseases of circulatory system.....	987	30	36	18	14	43	20	21	16	41	24	17	34	21	16	22	17	6
IV.	Diseases of respiratory system.....	654	19	22	17	20	18	15	22	15	29	44	32	23	14	22	30	14	6
V.	Diseases of digestive system.....	487	12	10	7	7	16	7	4	6	8	9	5	7	15	10	8	9	7
VI.	Diseases of genito-urinary system.....	709	23	21	15	6	17	13	15	6	20	17	14	21	23	5	14	19	24
VII.	The puerperal state.....	55	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
VIII.	Diseases of skin and cellular tissue.....	27	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IX.	Diseases of organs of locomotion.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
X.	Malformations.....	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XI.	Early infancy.....	319	8	7	6	2	7	9	12	7	9	3	4	8	4	3	3	7	5
XII.	Old age.....	123	4	6	2	2	7	3	2	3	2	3	2	3	6	3	2	4	2
XIII.	External causes.....	311	13	4	6	2	10	3	2	5	19	8	6	2	11	5	3	2	1
XIV.	Ill-defined diseases.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total from all causes.....	5,866	190	163	121	87	174	136	123	96	193	175	125	120	184	112	113	120	167
			353	208	310	219	368	245	296	233	297	179	247	182					
	Total from all causes, by race.....		6.02	3.55	5.28	3.72	6.27	4.18	5.05	3.97	5.06	3.05	4.21	3.10					
	Percentage by race to total mortality, and by months.....		561	529	529	613	529	529	476	429	429	429	429	429					
	Grand aggregate, and by months.....		1.59	1.49	1.49	1.73	1.49	1.49	1.49	1.49	1.35	1.35	1.35	1.21					
	Death rate per 1,000 inhabitants, by months.....																		

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	July.				August.				September.				October.				November.				December.			
		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	I. General diseases.																								
1	Typhoid fever.....																								
2	Typhus fever.....																								
3	Relapsing fever.....																								
4	Malaria.....																								
5	Smallpox.....																								
6	Measles.....																								
7	Scarlet fever.....																								
8	Whooping cough.....																								
9	Diphtheria and croup.....																								
10	Influenza (grippe).....																								
11	Miliary fever.....																								
12	Asiatic cholera.....																								
13	Cholera nostras.....																								
14	Dysentery.....																								
15	Plague.....																								
16	Yellow fever.....																								
17	Leprosy.....																								
18	Erysipelas.....																								
19	Other epidemic diseases.....																								
20	Purulent infection and septicaemia.....																								
21	Glanders.....																								
22	Anthrax.....																								
23	Rabies.....																								
24	Tetanus.....																								
25	Myositis.....																								
26	Fellagra.....																								
27	Beriberi.....																								
28	Tuberculosis of lungs.....	24	9	19	9	15	7	18	12	10	6	13	9	10	5	13	18	12	13	11	14	7	5	18	19
29	Acute miliary tuberculosis.....																								
30	Tuberculous meningitis.....																								
31	Tuberculosis, abdominal.....	2	3	3	2	1	1	2	1					1	1										
32	Pott's disease.....																								
33	White swelling.....																								
34	Tuberculosis of other organs.....																								
35	Tuberculosis, disseminated.....																								

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classi- fica- tion No.	Cause of death.	July.						August.						September.						October.						November.						December.							
		White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.				
		M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.	M.		F.		
I. General diseases—Continued.																																							
36	Rickets.....																																						
37	Syphilis:																																						
	1. Adults.....																																						
	2. Congenital.....																																						
38	Gonorrheal infection (5 years and over).....																																						
39	Cancer and other malignant tumors of buccal cavity:																																						
	1. Cheek.....																																						
	2. Jaw.....																																						
	3. Lip.....																																						
	4. Mouth.....																																						
	5. Tongue.....																																						
	6. Tonsil.....																																						
40	Cancer of—																																						
	1. Liver.....	2	3					1	2	1	2		2		3		1		1		2		1		1		2	2	1										
	2. Esophagus.....																																						
	3. Stomach.....	2	1					1	1		1	5		2	3		1	2	3	1	2		1	2		1	1	1											
41	Cancer of—																																						
	1. Intestines.....	2	1	1				1	1		1	2	1		3		1		1		1		1		1		3												
	2. Mesentery.....	2	1																																				
42	Cancer of—																																						
	1. Ovary.....	1																																					
	2. Uterus.....	2						2		1				2		3		1		3		1		1		4		5											
43	Cancer of breast.....																																						
44	Cancer of—																																						
	1. Nose and face.....																																						
	2. Scalp.....	2																																					
45	Cancer of—																																						
	1. Abdomen.....																																						
	2. Antrum, Highbone.....																																						
	3. Bladder.....																																						
	4. Brain.....																																						
	5. Foot.....																																						
	6. Generalized.....																																						
	7. Groin.....																																						
	8. Kidney.....																																						

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	July.				August.				September.				October.				November.				December.																			
		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.																					
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																				
II. Diseases of nervous system and organs of special sense.—Contd.																																									
67	General paralysis of insane (paresis).....	3	1	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1																			
68	Other forms of mental alienation.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1																			
69	Epilepsy.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
70	Convulsions (nonpuerperal), 5 years and over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
71	Convulsions, under 5 years.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
72	Chorea.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
73	Neuritis.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
74	Other diseases of nervous system: 1. Cretinism..... 2. Cerebral tumor..... 3. Organic brain disease..... 4. Tetany.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
75	Diseases of the eye and adnexa.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
76	Otitis media.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
Total, nervous system and organs of special sense.....		17	7	12	7	9	13	3	14	12	12	10	5	18	13	11	26	19	4	9	34	12	6	10																	
III. Diseases of circulatory system.																																									
77	Pericarditis.....	4	5	2	1	1	2	1	2	2	2	2	2	2	2	1	2	1	1	2	6	3	1	2	3																
78	Endocarditis and myocarditis (under 60 years).....	15	15	4	4	11	8	4	9	19	12	9	11	21	12	4	8	13	16	3	9	18	21	11	11																
79	Organic heart disease.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	
80	Angina pectoris.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	
81	Aneurism.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	
82	Arteriosclerosis.....	4	4	4	4	6	2	2	3	7	6	1	2	11	3	1	9	3	2	2	10	4	1	1																	
83	Embolism and thrombosis.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1																	
Diseases of veins: 1. Phlebitis..... 2. Varicose veins.....		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	
84	Diseases of lymphatic system: 1. Hypertrophy of thymus..... 2. Lymphangitis.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	
85	Hemorrhage.....	21	24	13	6	19	14	9	13	33	19	13	17	32	17	4	13	26	21	9	15	38	31	14	16																
Total, circulatory system.....		21	24	13	6	19	14	9	13	33	19	13	17	32	17	4	13	26	21	9	15	38	31	14	16																

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	July.		August.		September.		October.		November.		December.															
		Colored.		Colored.		Colored.		Colored.		Colored.		Colored.															
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.														
V. Diseases of digestive system—Continued.																											
110	Other diseases of intestines: 1. Auto-intoxication, intestinal 2. Ischio-rectal abscess 3. Stricture of bowel																										
111	Icterus gravis.																										
112	Hydatid tumor of liver.																										
113	Hepatic cirrhosis.	2	1	3	1			2	3	2		3	1														
114	Hepatic calculi.																										
115	Other diseases of liver: 1. Cholecystitis. 2. Hepatic abscess. 3. Hepatic congestion.	1		1		1	2	1		2		1	1														
116	Disease of spleen.									1																	
117	Peritonitis.	1	1	1	1					1		1															
118	Other diseases of digestive system: 1. Cysts of pancreas. 2. Subphrenic abscess.																										
	Total, digestive system.	19	11	22	9	13	12	19	12	13	12	11	8	14	9	15	11	13	3	10	10	14	12	6	4		
VI. Nonvenereal diseases of genito-urinary system.																											
119	Nephritis, acute.			2	1																						
120	Nephritis, chronic (Bright's disease).	19	5	10	13	13	14	8	8	23	15	7	15	12	10	7	8	17	17	10	5	18	14	15	6		
121	Chyluria.																										
122	Other diseases of kidneys and adnexa: 1. Pyonephrosis. 2. Urinary suppression.					1																					
123	Urinary calculi.					1																					
124	Cystitis.																										
125	Diseases of urethra: 1. Urethral abscess. 2. Urethral stricture 3. Urinary extravasation 4. Vesical fistula.												1				1										
126	Hypertrophy of prostate.		1		2							2													1		

[illegible]

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	July.		August.		September.		October.		November.		December.	
		White.		White.		White.		White.		White.		White.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
IX. Diseases of bone and organs of locomotion.													
146	Diseases of bones:												
	1. Mastoiditis.....	1		1									
	2. Osteomyelitis.....												
	3. Sinusitis.....					1							
	Arthritis.....												
147	Amputations.....												
148	Other diseases of organs of locomotion.....												
149	Total, bones and organs of locomotion.....	1		1	1	1		1					
X. Malformations.													
150	Congenital malformations:												
	1. Anencephalus.....	1						1					
	2. Bile duct, malformation of.....												
	3. Cleft palate and harelip.....								1		1		
	4. Hydrocephalus.....												
	5. Liver, enlarged.....												
	6. Microcephalus.....												
	7. Open foramen ovale.....			1	1	3			1	1	1		
	8. Rectum, absence of.....	1											
	9. Spina bifida.....	2		1								1	
	10. Urethra, absence of.....												
	Total, malformation.....	4		1	1	3		1		1	1	1	1
XI. Early infancy.													
151	Congenital debility, icterus, sclerema:												
	1. Atrophy, infantile.....							1		1		1	2
	2. Congenital debility.....					1			2		1	1	
	3. Icterus neonatorum.....							1	3	3	1	3	2
	4. Marasmus, under 1 year.....	1		5	3	4	4	3	4	5	2	3	2
5. Prematurity.....	3	4	2	3	9	3	4	2	4	6	5	2	
	Total, malformation.....												

152	Other causes peculiar to early infancy:																			
	1.	Asphyxia neonatorum.....	1	1	1															1
	2.	Atelectasis.....	2	1																1
	3.	Difficult labor (child).....			2	1	1													1
	4.	Hemophilia.....																		
	5.	Placenta previa (child).....	1																	
	6.	Umbilical hemorrhage.....		1																
	7.	Umbilical sepsis.....																		
153		Inanition (insufficient nourishment).....																		
		Total, early infancy.....	8	7	4	4	17	8	9	8	8	11	9	5	5	9	8	6	9	7
			2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
154		Senility.....	4	4	1	1	3	2	1	3	1	6	1	1	5	6	4	2	2	4
155		Suicide by poison:																		
	1.	Arsenic.....																		
	2.	Bichloride of mercury.....																		
	3.	Carbolic acid.....																		
		Suicide:																		
		Illuminating gas.....																		
156		Hanging.....																		
157		Drowning.....																		
158		Firearms.....	2																	
159		Cutting instruments.....																		
160		Jumping from high places.....																		
161		Crushed.....																		
162		Burning.....																		
163		Pitomain poisoning.....																		
164		Other accidental poisonings:																		
165		1. Alcohol.....																		
		2. Carbolic acid.....																		
		3. Opium.....																		
		4. Potassium iodide.....																		
		5. Roach powder.....																		
		6. Strychnine.....																		
166		Conflagration, burns.....																		
167		Burns and scalds.....																		
168		Absorption of deleterious gases (accidental):	1																	
		1. Illuminating gas.....																		
		2. Overlaid child.....																		
		3. Strangled by scarf around neck.....																		
169		Drowning (accidental).....																		
170		Firearms (accidental).....	2																	
171		Cutting instruments (accidental).....																		
172		Falls (accidental).....																		
173		Mines and quarries, traumatism in.....	6	2	2															

TABLE 1b.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	July.		August.		September.		October.		November.		December.														
		White.		Colored.		White.		Colored.		White.		Colored.														
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.													
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.													
XIII. External causes—Continued.																										
174	Machinery, traumatism caused by:																									
	1. Elevator.....																									
	2. Explosion, water range.....																									
	3. Explosion, cylinder head.....																									
	4. Shafting, caught in.....																									
175	Vehicles, railway, etc., traumatism by:																									
	1. Automobile.....																									
	2. Bicycle.....																									
	3. Cart, run over by.....																									
	4. Coasting.....																									
	5. Diving in shallow water.....																									
	6. Hammerhead, struck by.....																									
	7. Railway, steam.....																									
	8. Railway, street.....																									
176	Kicked by horse.....																									
177	Starvation.....																									
178	Exposure to cold.....																									
179	Insolation.....																									
180	Lightning.....																									
181	Electric shock.....																									
182	Homicide, firearms.....																									
183	Homicide, cutting instruments.....																									
184	Homicide, other forms:																									
	1. Assault with brick.....																									
	2. Abortion, criminal.....																									
	3. Thrown over Pennsylvania Avenue bridge.....																									
185	Fracture of skull, unknown cause.....																									
186	Other external violence:																									
	1. Amputation (fracture of thigh).....																									
	2. Dynamite explosion.....																									
	3. Falling bodies, struck by.....																									
	4. Foreign body in larynx.....																									
	5. Rupture of kidney, heavy lifting.....																									
	Total, external causes.....	14	2	5	3	12	2	3	0	14	7	5	4	10	8	3	1	14	8	6	7	16	5	4	5	

TABLE 1c.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death.

Classi- fication. No.	Cause of death.	Under 1 year.				1 year.				2 years.				3 years.				4 years.				Total under 5 years.				Per- centage of each cause to total mor- tality under five (5) years.
		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		Total by race.				
		M. F.		M. F.		M. F.		M. F.		M. F.		M. F.		M. F.		M. F.		M. F.		M. F.		W. C. All.				
I. General diseases.																										
1	Typhoid fever.....																									0.430
2	Typhus fever.....																									
3	Relapsing fever.....																									
4	Malaria.....																									
5	Smallpox.....																									
6	Measles.....																									
7	Scarlet fever.....																									
8	Whooping cough.....	2	1	3	6	1	1	3																		.108
9	Diphtheria and croup.....	2	1	1	4																					.107
10	Influenza (grippe).....																									1.828
11	Miliary fever.....																									2.151
12	Asiatic cholera.....																									.108
13	Cholera nostras.....																									
14	Dysentery.....																									
15	Plague.....																									
16	Yellow fever.....																									.107
17	Erysipelas.....																									
18	Exanthemas.....																									.108
19	Other epidemic diseases.....																									
20	Purulent infection and septicæmia.....																									.107
21	Glanders.....																									
22	Anthrax.....																									
23	Rabies.....																									
24	Tetanus.....																									.352
25	Myositis.....																									
26	Pellagra.....																									
27	Beriberi.....																									
28	Tuberculosis of lungs.....																									1.075
29	Acute miliary tuberculosis.....																									.108
30	Tuberculous meningitis.....																									2.151
31	Tuberculosis, abdominal.....																									
32	Pott's disease.....																									.107
33	White swelling.....																									.323
34	Tuberculosis of other organs.....																									

[illegible]

TABLE 1c.—*Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death—Continued.*

Classi- fica- tion. No.	Cause of death.	Under 1 year.						2 years.						3 years.						4 years.						Total under 5 years.						Per- centage of each cause to total mor- tali- ty under five (5) years.
		1 year.			2 years.			3 years.			4 years.			5 years.			Total by race.															
		W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.			
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
	I. General diseases—Continued.																															
46	Other tumors.....																															
47	Rheumatism, acute.....																															
48	Rheumatism, chronic and gout.....																															
49	Scurvy.....																															
50	Diabetes.....																															
51	Goitre, exophthalmic.....																															
52	Addison's disease.....																															
53	Leukemia.....																															
54	Anemia.....																															
55	Other general diseases: 1. Haemophilia..... 2. Purpura haemorrhagica.....																															
56	Alcoholism.....																															
57	Lead poisoning, chronic.....																															
58	Other chronic occupational poisonings.....																															
59	Mercurial stomatitis.....																															
	Total, general diseases.....	10	7	19	14	7	5	9	5	4	4	6	4	4	4	4	1	4	4	3	4	3	4	28	21	41	31	49	72	121	13.011	
	II. Diseases of nervous system and organs of special sense.																															
60	Encephalitis.....																															
61	Menigitis: 1. Epidemic cerebrospinal..... 2. Simple.....																															
62	Locomotor ataxia.....																															
63	Other diseases of spinal cord: 1. Bulbar paralysis..... 2. Myelitis (simple)..... 3. Poliomyelitis, chronic..... 4. Paralysis agitans.....																															

[illegible]

[illegible]

TABLE 1c.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death—Continued.

Classi- fication. No.	Cause of death.	Under 1 year.			1 year.			2 years.			3 years.			4 years.			Total under 5 years.					Per- centage of each cause to total mor- tality under five (5) years.		
		W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	Total by race.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	W.	C.		All.			
	VI. Nonvenereal diseases of genito-urinary system—Continued.																							
128	Uterine hemorrhage (nonpuerperal).....																							
129	Uterine fibroids.....																							
130	Other diseases of uterus: 1. Hysterectomy..... 2. Pelvic abscess.....																							
131	Ovarian cysts.....																							
132	Ovarian abscess.....																							
133	Salpingitis..... Diseases of breast (nonpuerperal).....																							
	Total nonvenereal diseases of genito- urinary system.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	3	4	5	9	0.968
	VII. The puerperal state.																							
134	Accidents of pregnancy: 1. Abortion, induced..... 2. Ante-partum hemorrhage..... 3. Ectopic gestation.....																							
135	Puerperal hemorrhage: 1. Placenta previa (mother)..... 2. Post-partum hemorrhage.....																							
136	Other accidents of labor: 1. Caesarian section..... 2. Childbirth (mother).....																							
137	Puerperal septicemia and fever.....																							
138	Puerperal eclampsia and albuminuria.....																							
139	Puerperal embolism.....																							
140	Puerperal insanity.....																							
141	Puerperal diseases of the breast.....																							
	Total, the puerperal state.....																							

VIII. Diseases of skin and cellular tissue.														
142	Gangrene:													
	1. Of extremities.....												1	108
	2. Gangrenous stomatitis.....												1	1
	3. Senile.....													
143	Carbuncle.....												1	
144	Abscess, acute:													
	1. Of mediastinum.....													
	2. Of neck.....													
	3. Of scrotum.....													
	4. Cellulitis.....													
145	Other diseases of skin and adnexa:													
	1. Eczema.....												1	107
	2. Elephantiasis.....												1	215
	3. Pemphigus.....												1	2
	Total, skin and cellular tissue.....												1	430
IX. Diseases of bones and organs of locomotion.														
146	Diseases of bones:													
	1. Mastoiditis.....													
	2. Osteomyelitis.....													
	3. Sinusitis.....													
147	Arthritis.....													
148	Amputations.....													
149	Other diseases of organs of locomotion.....													
	Total, bones and organs of locomotion.....													
X. Malformations.														
150	Congenital malformations:													
	1. Microcephalus.....												3	430
	2. Bite defect, malformation of.....												2	215
	3. Cleft palate and harelip.....												1	108
	4. Hydrocephalus.....												1	107
	5. Liver, enlarged.....												1	108
	6. Microcephalus.....												1	108
	7. Open foramen ovale.....												1	107
	8. Rectum, absence of.....												1	107
	9. Spina bifida.....												1	430
	10. Urethra, absence of.....												1	108
	Total malformations.....												16	3,763

[illegible]

RECAPITULATION.																											
I.	General diseases.....	10	7	19	14	7	5	9	5	4	4	6	4	4	1	4	4	3	4	28	21	41	31	49	72	121	13,011
II.	Diseases of nervous system and organs of special sense.....	9	6	7	1	2	3	...	3	...	1	1	1	2	1	1	1	1	13	9	11	4	22	15	37	3,978	
III.	Diseases of circulatory system.....	4	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	10	3	7	13	1,075	
IV.	Diseases of respiratory system.....	16	17	44	36	11	7	14	8	3	2	7	4	2	6	1	2	3	32	30	74	42	62	123	185	19,892	
V.	Diseases of digestive system.....	31	23	55	34	4	3	8	3	3	1	3	3	1	3	1	1	1	38	29	66	49	67	107	174	18,710	
VI.	Diseases of genito-urinary system.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	3	4	6	9	968	
VII.	The puerperal state.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	430	
VIII.	Diseases of skin and cellular tissue.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	430	
IX.	Diseases of organs of locomotion.....	16	9	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	16	10	5	4	26	9	35	2,763	
X.	Malformations.....	99	82	78	60	1	1	1	1	1	1	1	1	1	1	1	1	1	99	82	78	60	181	138	319	34,301	
XI.	Early infancy.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	10	4	9	17	13	30	3,226	
XII.	Old age.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	10	4	9	17	13	30	3,226	
XIII.	External causes.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	10	4	9	17	13	30	3,226	
XIV.	Ill-defined diseases.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	10	4	9	17	13	30	3,226	
Total deaths, all causes.....		191	152	212	160	27	16	36	21	14	11	14	12	5	6	13	9	6	243	195	294	208	438	492	980	{ 99,999 100,000 }	

TABLE 1c.—*Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death—Continued.*

Classi- fication No.	Cause of death.	5 to 9 years.		10 to 19 years.		20 to 29 years.		30 to 39 years.		40 to 49 years.		50 to 59 years.		60 to 69 years.		70 to 79 years.		80 to 89 years.		90 years and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.	M. F.	F. M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
I. General diseases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1	Typhoid fever.....	1	1	2	3	4	3	2	7	6	3	1	2	1	2	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2	Typhus fever.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3	Relapsing fever.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4	Malaria.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
5	Smallpox.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
6	Measles.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
7	Scarlet fever.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
8	Whooping cough.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
9	Diphtheria and croup.....	1	6	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
10	Influenza (grippe).....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
11	Miliary fever.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
12	Asiatic cholera.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
13	Cholera nostras.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
14	Dysentery.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
15	Plague.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
16	Yellow fever.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
17	Leprosy.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
18	Erysipelas.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
19	Other epidemic diseases.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
20	Purulent infection and septi- cemia.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
21	Glanders.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
22	Anthrax.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
23	Rabies.....	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
24	Tetanus.....		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
25	Myositis.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
26	Pellagra.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
27	Beriberi.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
28	Tuberculosis of lungs.....	1	4	6	5	17	33	38	52	53	30	10	63	38	42	13	33	13	28	9	11	12	18	7	6	3	8	2	1	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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TABLE 1c.—*Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death—Continued.*

Classi- fica- tion No.	5 to 9 years.		10 to 19 years.		20 to 29 years.		30 to 39 years.		40 to 49 years.		50 to 59 years.		60 to 69 years.		70 to 79 years.		80 to 89 years.		90 years and over.	
	W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I. General diseases—Continued.																				
Cancer of—Continued.																				
22. Throat.....																				
23. Ureter.....																				
24. Viscera.....																				
Other tumors.....	1	2																		
46 Rheumatism, acute.....																				
47 Rheumatism, chronic and gout.																				
48 Scurvy.....																				
49 Diabetes.....																				
50 Goitre, exophthalmic.....																				
51 Addison's disease.....																				
52 Leucemia.....																				
53 Anemia.....																				
54 Other general diseases:																				
1. Haemophilia.....																				
2. Purpura haemorrhagica.....																				
56 Alcoholism.....																				
57 Lead poisoning, chronic.....																				
58 Other chronic occupational poisonings.....																				
59 Mercurial stomatitis.....																				
Total, general diseases.....	6	10	3	11	14	16	27	47	52	44	73	77	52	44	86	63	81	51	57	45
II. Diseases of nervous system and organs of special sense.																				
Encephalitis.....																				
60 Meningitis:																				
1. Epidemic cerebrospinal.....																				
2. Simple.....																				
62 Locomotor ataxia.....																				

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V. Diseases of digestive system.																															
99	Stomatitis.....																											1			
100	Diseases of pharynx:																														
	1. Abscess, retropharyngeal.....																														
	2. Tonsillitis.....																														
101	Stricture of esophagus.....																														
102	Gastric ulcer.....																														
103	Other diseases of stomach:																														
	1. Gastritis.....																														
	2. Indigestion.....																														
	3. Pyloric stenosis.....																														
104	Diarrhea, etc., under 2 years.....																														
105	Diarrhea, etc., 2 years and over.....																														
106	Ankylostomiasis.....																														
107	Intestinal parasites.....																														
108	Appendicitis.....																														
109	Hernia.....																														
	Intestinal obstruction.....																														
	Other diseases of intestines:																														
	1. Auto-intoxication, intestinal.....																														
	2. Ischio-rectal abscess.....																														
	3. Stricture of bowels.....																														
111	Icterus gravis.....																														
112	Hydatid tumor of liver.....																														
113	Hepatic cirrhosis.....																														
114	Hepatic calculi.....																														
115	Other diseases of liver:																														
	1. Cholecystitis.....																														
	2. Hepatic abscess.....																														
	3. Hepatic congestion.....																														
116	Diseases of spleen.....																														
117	Peritonitis.....																														
118	Other diseases of digestive system:																														
	1. Cysts of pancreas.....																														
	2. Subphrenic abscess.....																														
	Total, digestive system.....	5	3	1	1	3	2	7	9	8	11	14	10	10	12	16	19	10	20	10	9	8	24	15	5	6	26	12	1	4	10
VI. Nonvenereal diseases of genito-urinary system.																															
119	Nephritis, acute.....																														
120	Nephritis, chronic (Bright's disease).....																														
121	Chyluria.....																														
122	Other diseases of kidneys and adnexa:																														
	1. Pyonephrosis.....																														
	2. Urinary suppression.....																														

TABLE 1c.—*Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death—Continued.*

Classi- fication No.	Cause of death.	5 to 9 years.		10 to 19 years.		20 to 29 years.		30 to 39 years.		40 to 49 years.		50 to 59 years.		60 to 69 years.		70 to 79 years.		80 to 89 years.		90 years and over.																		
		C.		C.		C.		C.		C.		C.		C.		C.		C.		C.																		
		W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.	W.	M. F.																	
	VI. Nonvenereal diseases of genito- urinary system—Continued.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																	
123	Urinary calculi.....																																					
124	Cystitis.....			1																																		
125	Diseases of urethra: 1. Urethral abscess..... 2. Urethral stricture..... 3. Urinary extravasation..... 4. Vesical fistula.....																																					
126	Hypertrophy of prostate.....																																					
127	Nonvenereal diseases of male genital organs: 1. Circumcision..... 2. Hydrocele, purulent..... 3. Hydrocele, serous..... 4. Uterine hemorrhage (nonpuer- peral)..... 5. Uterine fibroids..... 6. Other diseases of uterus: 1. Hysterectomy..... 2. Pyloric abscess..... 3. Ovarian cysts..... 4. Ovarian abscess..... 5. Salpingitis..... 6. Diseases of breast (nonpuerperal).....																																					
128	Uterine hemorrhage (nonpuer- peral).....																																					
129	Uterine fibroids.....																																					
130	Other diseases of uterus: 1. Hysterectomy..... 2. Pyloric abscess..... 3. Ovarian cysts..... 4. Ovarian abscess..... 5. Salpingitis..... 6. Diseases of breast (nonpuerperal).....																																					
131	Ovarian cysts.....																																					
132	Ovarian abscess.....																																					
133	Salpingitis.....																																					
	Diseases of breast (nonpuerperal).....																																					
	Total, nonvenereal diseases of genito-urinary system..	1	1	3	3	2	4	8	5	8	16	14	10	19	27	24	19	30	38	23	27	24	74	41	35	24	61	50	22	10	20	14	5	2	2	3	1	...
	VII. The puerperal state.																																					
134	Accidents of pregnancy: 1. Abortion, induced..... 2. Antepartum hemorrhage..... 3. Ectopic gestation.....																																					

[illegible]

TABLE 1c.—*Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of death—Continued.*

Classi- fication No.	Cause of death.	5 to 9 years.		10 to 19 years.		20 to 29 years.		30 to 39 years.		40 to 49 years.		50 to 59 years.		60 to 69 years.		70 to 79 years.		80 to 89 years.		90 years and over.	
		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.	
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
150	X. Malformations.																				
	Congenital malformation:																				
	1. Anencephalus.....																				
	2. Bile duct, malformation of.....																				
	3. Cleft palate and harelip.....																				
	4. Hydrocephalus.....																				
	5. Liver, enlarged.....																				
	6. Microcephalus.....																				
	7. Open foramen ovale.....																				
	8. Rectum, absence of.....																				
151	9. Spina bifida.....																				
	10. Urethra, absence of.....																				
152	Total malformations.....																				
	XI. Early infancy.																				
151	Congenital debility, icterus, etc.:																				
	1. Atrophy, infantile.....																				
	2. Congenital debility.....																				
	3. Icterus neonatorum.....																				
	4. Marasmus, under 1 year.....																				
152	5. Prematurity.....																				
	Other causes peculiar to early infancy:																				
	1. Asphyxia neonatorum.....																				
	2. Atelectasis.....																				
	3. Difficult labor (child).....																				
	4. Haemophilia.....																				
	5. Placenta previa (child).....																				
	6. Umbilical hemorrhage.....																				
	7. Umbilical sepsis.....																				

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XIV. IU-defined diseases.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	XIV.	Total	All causes.
Aerites.....																
Sudden death.....																
Ill-defined, or not specified:																
1. Abdominal fistula.....																
2. Dentition.....																
3. Marasmus (1 to 69 years).....																
4. Unknown causes.....																
Total, ill-defined diseases.....																
RECAPITULATION.																
I. General diseases.....	6	10	3	11	14	16	27	47	52	44	78	77	52	44	56	81
II. Diseases of nervous system and organs of special sense.....																
III. Diseases of circulatory system.....	3	1	...	2	4	2	1	3	7	3	5	5	8	17	4	38
IV. Diseases of respiratory system.....	1	3	...	1	6	2	3	5	9	14	9	16	21	23	26	32
V. Diseases of digestive system.....	3	2	4	8	4	4	5	9	7	4	6	7	11	8	24	13
VI. Diseases of genito-urinary system.....	5	3	1	1	1	3	2	6	7	9	8	11	14	10	10	12
VII. The puerperal state.....	1	1	3	2	...	4	5	8	16	14	10	19	27	24	19	30
VIII. Diseases of skin and cellular tissue.....																
IX. Dislocation of organs of locomotion.....																
X. Malformations.....	3															
XI. Early infancy.....																
XII. Old age.....																
XIII. External causes.....	7	1	2	17	5	4	5	24	11	17	10	27	6	12	2	22
XIV. Ill-defined diseases.....																
Total deaths, all causes.....	26	23	11	28	44	39	41	83	111	97	136	149	160	120	191	152

TABLE 1d.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to marital relations and to nativity and classified with reference to race, sex, and causes of death.

Classification No.	Cause of death.	Marital relations.										Nativity.					
		Married.		Single.		Widow or widower.		Unknown.		District of Columbia.		Other parts of the United States.		Foreign.		Unknown.	
		W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
		Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I. General diseases.																	
1	Typhoid fever.....	5	4	5	5	1	3	3	1	4	3	5	6				
2	Typhus fever.....																
3	Relapsing fever.....																
4	Malaria.....	1															
5	Smallpox.....																
6	Measles.....																
7	Scarlet fever.....																
8	Whooping cough.....																
9	Diphtheria and croup.....	1		1	3	2				7	6						
10	Influenza (grippe).....	8	3	10	9	1	1	3	2	2	6	12	2	5			
11	Miliary fever.....																
12	Asiatic cholera.....																
13	Cholera nostras.....																
14	Dysentery.....	1	1														
15	Typhoid fever.....																
16	Yellow fever.....																
17	Erysipelas.....																
18	Other epidemic diseases.....	2		1													
19	Purulent infection and septice-																
20	mia.....	1	1	3	1	1											
21	Glanders.....																
22	Anthrax.....																

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[illegible]

TABLE 1d.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to marital relations and to nativity and classified with reference to race, sex, and causes of death.—Continued.

Classification No.	Cause of death.	Marital relations.										Nativity.							
		Married.		Single.				Widow or widower.		Unknown.		District of Columbia.		Other parts of the United States.		Foreign.		Unknown.	
				C.		W.		C.		W.		C.		W.		C.		W.	
		Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
77	III. Diseases of circulatory system.																		
78	Pericarditis.....	2	1	1	1	1	2	1	2			2	1	2	2	1			
79	Endo and myocarditis (under 60 years).....	15	6	14	10	4	2	10	5	1	6	3	7	4	8	10	4	7	9
80	Organic heart disease.....	107	61	50	51	1	4	58	38	1	27	17	69	88	26	50	4	49	46
81	Angina pectoris.....	8	1	1	2	3	1	2	4	1	1	1	1	2	4	1	1	3	3
82	Aneurysm.....	4	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	10	4
83	Arteriosclerosis.....	43	7	6	6	8	8	1	1	1	1	1	1	1	1	1	1	3	1
84	Embolism and thrombosis.....	6	5	1	2	1	1	1	1	1	2	5	8	6	1	5	1	13	12
85	Diseases of veins:																		
	1. Phlebitis.....	2																1	1
	2. Varicose veins.....																	1	1
86	Diseases of lymphatic system:																		
	1. Hypertrophy of thymus.....																	1	
	2. Lymphangitis.....			1	1	1	1	1	1									1	
	Hemorrhages.....																		
	Total, circulatory system.....	187	79	76	72	8	7	83	53	1	5	37	26	100	132	37	75	5	4
	IV. Diseases of respiratory system.																		
	Diseases of nasal fossae.....																		

87	Diseases of larynx:																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
88	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
89	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
91	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
92	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
93	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
94	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
95	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
96	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
97	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
98	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
101	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
102	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
103	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
104	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
105	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
106	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
107	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
108	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
109	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE 1d.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to marital relations and to nativity and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	Marital relations.										Nativity.										
		Married.				Single.				Widow or widower.		Unknown.		District of Columbia.		Other parts of the United States.		Foreign.		Unknown.		
		W.		C.		W.		C.		W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	
		Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	Under 15 years and over.	15 years and over.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
110	V. Diseases of digestive system—Continued.																					
	Other diseases of intestines:																					
	1. Auto-intoxication, intestinal.																					
	2. Ischio-rectal abscess.																					
	3. Stricture of bowels.																					
111	Icterus gravis.																					
112	Hydatid tumor of liver.																					
113	Hepatic cirrhosis.																					
114	Hepatic calculi.																					
115	Other diseases of liver:																					
	1. Cholecystitis.																					
	2. Hepatic abscess.																					
	3. Hepatic congestion.																					
116	Diseases of spleen.																					
117	Peritonitis.																					
118	Other diseases of digestive system:																					
	1. Cysts of pancreas.																					
	2. Subperitoneal abscess.																					
	Total digestive system.																					

[illegible]

TABLE 1d.—Showing deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged with reference to marital relations and to nativity and classified with reference to race, sex, and causes of death—Continued.

Classification No.	Cause of death.	Marital relations.										Nativity.									
		Married.		Single.				Widow or widower.		Unknown.		District of Columbia.		Other parts of the United States.		Foreign.		Unknown.			
		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
		15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.	15 and under years.	15 and over years.
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	VII. <i>The puerperal state—Con.</i>																				
138	Puerperal eclampsia and albuminuria.....																				
139	Puerperal embolism.....	5																			
140	Puerperal insanity.....	2																			
141	Puerperal diseases of the breast.....																				
	Total, the puerperal state.....	27																			
	VIII. <i>Diseases of skin and cellular tissue.</i>																				
142	Gangrene:																				
	1. Of extremities.....	2																			
	2. Gangrenous stomatitis.....																				
	3. Scald.....																				
143	Carbuncle.....	2																			
144	Abscesses:																				
	1. Of mediastinum.....																				
	2. Neck.....																				
	3. Of rectum.....																				
	4. Cellulitis.....	1																			

[illegible]

[illegible]

TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914, cond.

JANUARY.

Day of month.	Color.	Deaths, less those by violence.	Deaths due to external causes.				Minor contagious diseases.				Diarrheal diseases.		Dysentery.		Typhoid fever.	Malarial fever.	Pulmonary tuberculosis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Rheumatism.	All other diseases.	Deaths by color.	Total deaths.
			Accidents and negligence.	Homicides.	Suicides.	Sunstroke.	Scarlet fever.	Diphtheria and croup.	Measles.	Whooping cough.	Under 2 years.	2 years and over.	Under 2 years.	2 years and over.										
1	W.	13	1	1																	1	12	14	26
2	W.	14	1	1							1							1				11	14	25
3	W.	9	1		1																	7	9	16
4	W.	4	1							1	1						1	1				2	3	5
5	W.	8																				2	3	5
6	W.	6																				2	3	5
7	W.	7	1	1							1						1	1	1			5	8	13
8	W.	10	1										1				1	1	1			3	6	9
9	W.	14															1	1	1			4	7	11
10	W.	15	1										1				2	1	1			7	10	17
11	W.	10															2	1	1			6	9	15
12	W.	1															2	1	1			1	3	4
13	W.	13															2	1	1			10	13	23
14	W.	3	1										1				1	2				3	6	9
15	W.	9	1														1	1			1	7	10	17
16	W.	8															1	2				2	3	5
17	W.	11															1	2				8	11	19
18	W.	4															2	2				2	4	6
19	W.	12															2	1				10	12	22
20	W.	7															1	1				4	5	9
21	W.	6															1	1				3	4	7
22	W.	9			1												1	1				7	10	17
23	W.	11															2	2				9	11	20
24	W.	9															1	1				8	9	17
25	W.	7	1					1			1		1				1	1				4	5	9
26	W.	11															2	2				7	9	16
27	W.	16	1														1	1				13	17	30
28	W.	5															1	1				5	6	11
29	W.	8															1	1				6	7	13
30	W.	8															1	1				6	7	13
31	W.	8			1			1									1	1				5	6	11
Total	W. C.	336	12	1	4			2		0	1	4			0		29	33	4	2	4	259	333	592
	C.	200	7	1	0			0		1		0			3		23	24	6	2	2	135	208	343

arranged with reference to race, cause of death, and corresponding daily meteorological tions.

JANUARY.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.10	74	40	30	10	35	29.0	25	N....	NE...	234	T.	1
30.17	74	39	25	14	32	27.9	24	NE...	NE...	190	0	2
29.54	93	49	33	16	41	41.2	40	NE...	NE...	518	1.87	3
29.60	94	42	33	9	38	34.8	34	NW...	NW...	367	.54	4
29.96	85	43	34	9	38	35.4	33	NW...	NW...	246	.05	5
30.10	84	43	30	13	36	31.6	29	NE...	S.....	89	0	6
29.89	77	38	29	9	34	32.5	29	S.....	N.....	112	T.	7
29.68	89	47	31	16	39	33.5	32	S.....	NE...	108	T.	8
29.38	84	55	29	26	42	39.6	37	N.....	SW...	88	0	9
29.80	56	51	36	15	44	33.9	25	NW...	NW...	467	0	10
30.12	56	36	25	11	30	27.1	18	NW...	NW...	225	0	11
30.02	52	40	17	23	28	19.2	8	SW...	NW...	461	T.	12
30.36	52	23	13	10	18	13.2	3	NW...	N.....	278	0	13
30.50	52	27	7	20	17	12.6	2	N.....	S.....	158	0	14
29.98	60	40	23	17	32	27.5	20	S.....	SW...	139	0	15
29.68	73	48	28	20	38	33.2	28	S.....	NE...	92	0	16
29.88	59	47	31	16	39	34.0	26	NW...	NW...	496	0	17
30.30	56	34	27	7	30	24.4	16	NW...	N.....	236	0	18
29.94	73	43	27	16	35	31.6	26	SE...	N.....	68	T.	19
29.56	81	55	37	18	46	39.8	37	.....	NE...	68	0	20
29.67	52	49	33	16	41	33.9	24	NW...	NW...	440	0	21
30.20	62	38	28	10	33	27.2	20	W.....	NE...	133	0	22
30.16	66	49	30	19	40	33.4	26	E.....	S.....	163	0	23
29.52	96	52	44	8	48	45.8	45	SE...	SW...	146	1.20	24
30.04	56	44	29	15	36	29.0	21	NW...	E.....	350	.06	25
30.26	68	47	28	19	38	31.0	26	SE...	E.....	119	0	26
30.18	76	57	31	26	44	37.4	33	S.....	S.....	129	0	27
30.24	74	60	39	20	54	45.0	42	SW...	NE...	76	0	28
30.28	82	69	41	28	55	47.4	45	E.....	S.....	174	0	29
30.16	80	72	49	23	60	53.8	51	S.....	NE...	206	T.	30
29.76	77	69	42	27	56	41.5	37	E.....	NW...	330	.88	31
.....

TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914, conditions—

FEBRUARY.

Day of month.	Color.	Deaths, less those by violence.	Deaths due to external causes.				Minor contagious diseases.				Dysentery.		Typhoid fever.	Malaria fevers.	Pulmonary tuberculosis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Rheumatism.	All other diseases.	Deaths by color.	Total deaths.
			Accidents and negligence.	Homicides.	Suicides.	Strokes.	Scarlet fever.	Diphtheria and croup.	Measles.	Whooping cough.	Under 2 years.	Under 2 years and over.										
1	W. C.	8																				
2	W. C.	7	1		1						1											
3	W. C.	16	1																			
4	W. C.	6																				
5	W. C.	5									1											
6	W. C.	10			1							1										
7	W. C.	6																				
8	W. C.	5																				
9	W. C.	10	1																			
10	W. C.	8	1																			
11	W. C.	9																				
12	W. C.	4																				
13	W. C.	3																				
14	W. C.	6																				
15	W. C.	9																				
16	W. C.	7																				
17	W. C.	14	1	1	1																	
18	W. C.	22								1												
19	W. C.	11																				
20	W. C.	7																				
21	W. C.	6			1					1	1											
22	W. C.	13																				
23	W. C.	11																				
24	W. C.	3																				
25	W. C.	22																				
26	W. C.	8	1																			
27	W. C.	11																				
28	W. C.	13	1								1	1										
29	W. C.	11																				
30	W. C.	7																				
31	W. C.	7																				
32	W. C.	8			1																	
33	W. C.	9	1																			
34	W. C.	10																				
35	W. C.	9																				
36	W. C.	11																				
37	W. C.	11																				
38	W. C.	3																				
39	W. C.	13	1																			
40	W. C.	6																				
41	W. C.	14																				
42	W. C.	11																				
43	W. C.	13	1								1											
44	W. C.	4																				
45	W. C.	15																				
46	W. C.	8																				
Total	W. C.	297	6	2	5			4		1	3	3			18	22	7	2	3	232	310	530
	C.	212	6	0	1			0		1	4	0			34	28	5	0	0	188	219	

arranged with reference to race, cause of death, and corresponding daily meteorological Continued.

FEBRUARY.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.14	48	53	38	15	46	35.3	24	W....	W....	213	0	1
30.46	52	51	32	19	42	31.4	22	NW...	SE....	139	0	2
30.11	80	59	32	27	46	41.5	38	S.....	SE....	86	0	3
30.04	60	55	40	15	48	39.6	31	NW...	N.....	166	0	4
30.17	62	40	36	4	38	32.5	26	E.....	NE....	187	T.	5
30.00	96	37	30	7	34	33.6	34	NE...	NW...	198	0.57	6
29.66	68	52	30	22	41	32.0	26	NW...	NW...	314	.10	7
30.22	42	34	24	10	29	21.8	8	NW...	NW...	289	0	8
30.46	57	36	19	17	28	22.4	14	N.....	S.....	224	0	9
30.24	55	44	32	12	38	31.4	23	S.....	NE....	119	.02	10
30.29	64	34	22	12	28	25.4	18	N.....	N.....	286	T.	11
30.67	40	22	11	11	16	10.5	- 4	N.....	N.....	276	0	12
30.39	69	24	10	14	17	12.6	5	NE...	NE....	230	.75	13
29.80	68	34	17	17	26	21.0	15	NW...	NW...	536	.29	14
30.15	68	26	16	10	21	16.7	10	NW...	NE....	262	0	15
29.94	72	26	19	7	22	20.1	14	SW...	NW...	427	.04	16
30.11	71	41	13	28	27	22.2	17	S.....	SE....	145	0	17
30.08	75	36	23	13	30	27.7	24	NE...	NE....	104	.02	18
29.88	96	38	32	6	35	34.5	34	S.....	N.....	124	.75	19
30.07	65	33	24	9	28	22.9	16	N.....	N.....	313	T.	20
30.21	62	29	16	13	22	18.2	10	NW...	N.....	172	0	21
30.01	61	48	18	30	33	28.8	22	S.....	SE....	137	0	22
30.19	70	37	14	23	26	15.6	9	NE...	N.....	313	.41	23
30.42	54	16	8	8	12	8.8	- 2	N.....	N.....	300	T.	24
30.55	72	26	- 1	27	12	10.5	5	SW...	N.....	90	0	25
30.30	84	42	13	29	28	22.2	20	NW...	N.....	71	0	26
30.22	64	52	18	34	35	27.4	18	S.....	SE....	69	0	27
29.94	76	48	26	22	37	33.1	29	.....	SE....	58	0	28
.....

TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914,
conditions—

MARCH.

Day of month.	Color.	Deaths, less those by violence.	Deaths due to external causes.				Minor contagious diseases.			Dysentery.		Typhoid fever.	Malarial fevers.	Pulmonary tuberculosis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Rheumatism.	All other diseases.	Deaths by color.	Total deaths.
			Accidents and negligence.	Homicides.	Suicides.	Strokes.	Scarlet fever.	Diphtheria and croup.	Measles.	Whooping cough.	Under 2 years.	2 years and over.									
1.....	W. C.	15	1	1										3	3				12	17	25
2.....	W. C.	13	1									1		2	1				9	14	19
3.....	W. C.	12	1											3	1				9	13	19
4.....	W. C.	13	1											2	1				3	6	
5.....	W. C.	11												1	1		1		7	9	16
6.....	W. C.	9									1			1	1				5	7	16
7.....	W. C.	7												2	2			1	6	7	16
8.....	W. C.	12												1	1				8	12	20
9.....	W. C.	8						1						3	3				2	8	
10.....	W. C.	7												1	1				4	7	17
11.....	W. C.	10												1	1				8	10	
12.....	W. C.	12	1											1	1				9	13	20
13.....	W. C.	7												2	2				2	7	
14.....	W. C.	9			1									1	1				8	10	17
15.....	W. C.	11	2											1			1		8	13	24
16.....	W. C.	11												2	2				9	11	
17.....	W. C.	13												2	2				11	13	19
18.....	W. C.	6			2			2						2	3				4	9	26
19.....	W. C.	9												2	2				4	9	
20.....	W. C.	6			1									3	1				6	7	20
21.....	W. C.	13	1		1									2	3				9	13	
22.....	W. C.	2												2	2				8	10	17
23.....	W. C.	8												1	3				0	2	
24.....	W. C.	11	1					1						3	3				8	11	19
25.....	W. C.	16												2	2				11	17	28
26.....	W. C.	11	1											1	1				6	11	
27.....	W. C.	8												2	2				4	9	15
28.....	W. C.	1												2	2				1	6	
29.....	W. C.	6									1			1	1				2	2	8
30.....	W. C.	10			1									1	1				3	6	15
31.....	W. C.	4												3	2				6	11	24
1.....	W. C.	14												1	5				8	14	24
2.....	W. C.	10												2	2				2	4	
3.....	W. C.	13	1		1									3	1				9	15	21
4.....	W. C.	6												1	1		1		4	6	
5.....	W. C.	11	1											1	2				9	12	20
6.....	W. C.	8			2									1	1		1		4	8	
7.....	W. C.	13									1			4	2				6	15	25
8.....	W. C.	10												1	1				6	10	
9.....	W. C.	12	3											2	3				9	15	22
10.....	W. C.	5	2											2	1				3	7	
11.....	W. C.	11												2	1				7	11	17
12.....	W. C.	6												1	1				5	6	
13.....	W. C.	13	3	1										1	1				10	13	22
14.....	W. C.	5												3	2				4	9	
15.....	W. C.	11												2					7	12	22
16.....	W. C.	10												2					6	10	
17.....	W. C.	15	1											2	2				13	16	25
18.....	W. C.	8			1									2	1				3	9	
19.....	W. C.	7									1			2	1				6	7	16
20.....	W. C.	4												1	2				4	4	
21.....	W. C.	10												2					2	10	14
22.....	W. C.	10												1	2				6	10	
Total....	W. C.	341	17	1	9		3				2	1		27	53	10	3	3	239	368	613
	C.	237	6	1	1		1				2	0		41	42	4	1	2	142	245	

arranged with reference to race, cause of death, and corresponding daily meteorological
Continued.

MARCH.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
29.30	61	41	15	26	28	28.0	21	NW...	NW...	483	0.02	1
29.44	55	25	15	10	20	18.4	9	NW...	NW...	934	T.	2
29.75	61	42	25	17	34	28.6	35	NW...	NW...	596	.....	3
29.96	48	44	32	12	38	31.8	22	NW...	N.....	263	.....	4
30.04	89	36	28	8	32	30.2	28	SW...	NE...	121	.25	5
29.82	96	34	31	3	32	32.2	32	N.....	E.....	130	.61	6
29.80	86	47	31	16	39	33.0	31	SW...	NW...	98	.02	7
29.88	68	43	29	14	36	30.6	24	SW...	NW...	162	.....	8
30.03	55	37	28	9	32	27.4	18	NW...	W.....	280	.....	9
30.22	50	45	30	15	38	30.0	20	SW...	SW...	196	.....	10
30.18	96	37	26	11	32	29.6	29	NE...	NW...	132	.49	11
30.22	60	32	21	11	26	21.4	13	N.....	N.....	124	.....	12
30.28	66	41	20	21	30	28.7	22	NW...	NW...	179	.....	13
30.26	71	53	25	28	39	34.2	29	S.....	S.....	183	.....	14
30.08	61	67	40	27	54	42.8	36	S.....	SE...	100	.....	15
30.00	72	75	37	38	56	44.1	40	N.....	NW...	132	.....	16
30.00	40	60	47	13	54	40.7	26	NW...	E.....	212	.01	17
29.78	74	48	29	19	38	34.8	30	W.....	NW...	409	.16	18
30.17	53	37	28	9	32	27.6	18	NW...	NW...	292	.05	19
30.26	70	30	21	9	26	23.4	17	N.....	NW...	263	.33	20
30.47	70	33	15	18	24	21.0	16	N.....	SE...	120	.....	21
30.06	70	41	23	18	32	26.6	22	N.....	S.....	100	.10	22
30.08	64	49	28	21	38	31.7	26	SW...	NW...	141	.....	23
30.38	52	56	34	22	45	35.2	26	NW...	SE...	134	.....	24
30.42	74	66	37	29	52	44.0	40	S.....	S.....	207	.....	25
30.34	74	71	53	18	62	54.1	50	S.....	S.....	226	T.	26
30.18	68	75	53	22	64	55.0	50	S.....	S.....	221	T.	27
30.08	87	70	42	28	56	52.2	50	S.....	NE...	230	.15	28
30.31	86	44	40	4	42	39.8	38	NE...	SE...	192	T.	29
30.08	93	50	39	11	44	43.9	42	SE...	S.....	155	.08	30
30.40	62	54	40	14	47	40.8	34	NE...	SE...	228	31
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arranged with reference to race, cause of death, and corresponding daily meteorological Continued.

APRIL.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.00	92	52	40	12	46	44.8	44	E.....	SW....	148	0.29	1
29.79	54	61	48	13	54	46.0	38	NW...	NW....	305	T.	2
30.02	69	50	36	14	43	37.5	32	NW...	NW....	303	.18	3
30.25	53	49	31	18	40	32.7	24	N.....	SE....	177	.....	4
30.20	59	50	37	13	44	36.2	28	N.....	NW....	213	.....	5
30.18	62	60	28	32	44	38.2	32	SE....	SE....	203	.....	6
29.92	67	73	47	26	60	52.8	48	S.....	S.....	269	.....	7
29.76	77	66	38	28	52	42.4	44	S.....	NW....	355	.68	8
30.02	58	45	30	15	38	31.2	23	NW...	NW....	365	.....	9
30.18	54	54	29	25	42	36.1	27	S.....	S.....	145	.....	10
30.04	48	65	38	27	52	42.7	32	S.....	S.....	348	.....	11
30.06	33	67	49	18	58	45.3	32	W....	NW....	203	T.	12
30.28	36	58	44	14	51	38.6	23	W....	E.....	178	.....	13
30.22	61	60	37	23	48	41.8	34	SE....	E.....	161	.14	14
29.76	94	52	44	8	48	47.2	46	NE...	NE....	328	.73	15
29.78	78	52	42	10	47	42.8	39	NW...	NW....	253	.02	16
30.09	54	68	44	24	56	47.3	39	NW...	NW....	266	.....	17
30.13	60	83	42	41	62	54.6	48	S.....	S.....	134	.....	18
29.90	55	82	61	21	72	59.0	51	S.....	SW....	357	.....	19
29.76	81	68	49	19	58	50.2	48	N.....	NW....	270	.56	20
30.16	58	57	42	15	50	43.0	36	NW...	N.....	278	.....	21
30.15	62	86	43	43	64	53.4	47	SW...	N.....	123	.....	22
30.38	36	63	46	17	54	41.7	27	NE...	N.....	180	.....	23
30.35	44	63	43	20	53	42.2	30	NE...	SE....	167	T.	24
30.14	78	54	49	5	52	48.2	44	SE....	NE....	202	.22	25
29.93	72	80	50	30	65	56.6	52	SW...	W....	123	.38	26
30.06	70	73	54	19	64	56.7	52	W....	N.....	129	.....	27
30.14	72	73	49	24	61	54.5	51	E.....	SE....	115	28
29.96	76	85	56	29	70	60.4	57	S.....	NW....	159	T.	29
30.08	69	67	46	21	56	50.4	45	N.....	N.....	279	30
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TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914, conditions—

MAY.

Day of month.	Color.	Deaths, less those by violence.	Deaths due to external causes.				Minor contagious diseases.	Diarrheal diseases.	Dysentery.									Deaths by color.	Total deaths.
			Accidents and negligence.	Homicides.	Suicides.	Strokes.													
1	W. C.	6	1									1					4	71	10
2	W. C.	3										1					2	3	13
3	W. C.	4	2		1							1	1				2	5	20
4	W. C.	12	2											1			14	6	18
5	W. C.	6															4	9	17
6	W. C.	9			1							2	1				7	11	12
7	W. C.	10									1	1					6	6	11
8	W. C.	6										2					4	8	8
9	W. C.	9										1					2	2	23
10	W. C.	2										1				1	5	6	18
11	W. C.	13	3				1					1					10	16	15
12	W. C.	7	1		1								1				6	7	20
13	W. C.	8										3					6	8	15
14	W. C.	9										1		1			4	7	20
15	W. C.	6	1									2					4	10	22
16	W. C.	12	1									1	2				10	12	19
17	W. C.	10										1	1				9	10	15
18	W. C.	8										2					7	4	15
19	W. C.	10										1	2				4	7	22
20	W. C.	7	1									3		1			3	11	16
21	W. C.	15					1					1	1				2	6	10
22	W. C.	6										2					2	3	16
23	W. C.	10										1	1				4	8	16
24	W. C.	4	1									3					3	5	16
25	W. C.	5										1		1			4	9	16
26	W. C.	10										2			1		1	7	16
27	W. C.	6										2		1			4	7	13
28	W. C.	10										1	2				2	10	16
29	W. C.	13										1	1				12	13	18
30	W. C.	5										2					2	3	11
31	W. C.	7										4	1				11	3	14
	W. C.	11															11	3	17
	W. C.	3															3	4	21
	W. C.	11	1		1							1		1			10	10	13
	W. C.	4										1					3	6	10
	W. C.	11										1					2	4	11
	W. C.	7										1	1				5	5	11
	W. C.	6										1					4	5	11
	W. C.	2										1					2	5	11
	W. C.	6										1					2	5	11
	W. C.	5										1					4	5	11
	W. C.	5										1					3	5	11
Total	W. C.	281	12	1	3		1	1	0	1	1	22	13	1	2	231	297	476	
	C.	176	2	0	1		0	2	4	0	0	28	13	8	1	118	179		

arranged with reference to race, cause of death, and corresponding daily meteorological Continued.

MAY.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s. a. m.	s. p. m.			
30.10	50	60	41	19	50	43.9	34	NW...	W....	144	.....	1
30.05	40	68	45	23	56	45.2	31	NW...	N....	167	.....	2
30.13	47	71	41	30	56	49.0	38	SW...	SE....	98	.....	3
29.96	66	82	50	32	66	58.0	54	S.....	SW...	174	0.01	4
29.56	59	74	62	12	68	61.8	58	S.....	NW...	308	.62	5
29.75	60	78	63	15	70	59.5	54	NW...	W....	292	.....	6
29.88	54	73	61	12	67	55.6	48	NW...	N....	190	T.	7
29.72	77	68	56	12	62	55.2	52	NE...	NW...	149	.07	8
29.82	68	70	50	20	60	52.3	47	NW...	NW...	253	.03	9
30.02	56	75	55	20	65	56.0	49	NW...	SE....	220	.....	10
29.99	64	87	56	31	72	64.0	60	SW...	SE....	112	.....	11
29.84	52	93	54	39	74	65.5	58	SW...	SW...	205	.....	12
30.08	93	59	51	8	55	52.9	52	NE...	NE...	160	.21	13
30.14	63	68	52	16	60	51.9	46	NW...	NW...	137	.....	14
30.20	54	70	53	17	62	50.2	42	NW...	N....	178	.....	15
30.30	42	68	48	20	58	47.5	36	N....	SE....	133	.....	16
30.41	56	74	44	30	59	52.2	44	S.....	NE...	76	.....	17
30.52	57	78	45	33	62	54.2	47	SW...	S.....	66	.....	18
30.51	50	81	47	34	64	54.1	44	.....	SW...	75	.....	19
30.34	54	86	53	33	70	58.6	51	NW...	NW...	91	.....	20
30.14	49	87	58	29	72	58.2	49	NW...	NW...	135	.....	21
29.95	56	88	57	31	72	59.6	52	N....	NW...	106	T.	22
29.98	46	80	65	15	72	58.1	47	W....	N....	244	.....	23
30.28	58	80	58	22	69	57.6	51	S.....	SE....	138	.....	24
30.27	68	86	61	25	74	65.6	52	S.....	S.....	117	.....	25
30.17	53	93	66	27	80	64.6	58	SW...	SE....	125	.....	26
30.14	80	95	66	29	80	69.0	66	S.....	E....	114	.74	27
30.15	73	86	69	17	78	73.0	70	W....	SW...	107	T.	28
30.28	55	83	67	16	75	62.0	55	NE...	E....	160	29
30.12	83	88	66	22	77	68.6	67	S.....	W....	124	.04	30
30.10	48	83	57	26	70	59.2	50	N....	S.....	99	31
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TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914,
conditions—

JUNE.

Day of month.	Color.	Deaths, less those by violence.	Deaths due to external causes.				Minor contagious diseases.				Diarrheal diseases.		Dysentery.				Pulmonary tuberculosis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Rheumatism.	All other diseases.	Deaths by color.	Total deaths.
			Accidents and negligence.	Homicides.	Suicides.	Strokes.	Scarlet fever.	Diphtheria and croup.	Measles.	Whooping cough.	Under 2 years.	2 years and over.													Under 2 years.	2 years and over.	Typhoid fever.	Malarial fevers.
1	W.	7	1														2					5	8	16
2	W.	5	1	1													2					3	5	10
3	W.	5															1	1				2	3	10
4	W.	8	1														3					1	2	10
5	W.	11	1															1	1			12	9	21
6	W.	8	1														1					9	6	8
7	W.	2															1	1				5	3	19
8	W.	10	2														1				1	10	8	19
9	W.	8															3					8	4	14
10	W.	6	1														1	1				9	8	14
11	W.	13															1	1				11	11	24
12	W.	10	1																			9	6	12
13	W.	5															2					5	5	12
14	W.	5															1	1				4	4	12
15	W.	6	1														2					3	5	11
16	W.	4															1		1			4	6	11
17	W.	7																				7	7	12
18	W.	10															1	2				10	10	17
19	W.	6	1																			5	5	11
20	W.	3															1					3	6	10
21	W.	4																				4	4	10
22	W.	4															1					6	6	10
23	W.	11																				11	11	15
24	W.	5	1														1					4	5	11
25	W.	5																				5	5	11
26	W.	10	1														1		1			11	5	16
27	W.	4																				4	6	10
28	W.	6															1					5	5	6
29	W.	10																				10	10	20
30	W.	6	1														1					7	9	16
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12
	C.	7																				7	7	14
	C.	4																				4	4	8
	C.	9																				9	9	18
	C.	6																				6	6	12

arranged with reference to race, cause of death, and corresponding daily meteorological Continued.

JUNE.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
29.96	57	87	63	24	75	63.2	56	W....	NW...	119	T.	1
30.14	46	76	55	21	66	55.4	46	N....	N....	191	.....	2
30.16	57	82	51	31	66	58.6	52	SW...	S....	152	.....	3
29.84	78	84	67	17	76	65.0	62	S....	SW...	216	0.33	4
30.06	54	75	57	18	66	56.7	49	N....	NE...	184	.....	5
30.24	47	78	52	26	65	54.6	45	NE...	SE....	114	.....	6
30.18	65	87	61	26	74	66.4	62	S....	S....	134	.....	7
30.02	66	95	68	27	82	74.2	71	W....	NW...	167	.38	8
30.18	83	74	64	10	69	63.2	62	E....	S....	203	.....	9
29.96	79	89	63	26	76	69.6	67	SW...	N....	140	.....	10
29.90	64	93	74	19	84	70.6	66	N....	N....	92	.....	11
29.85	52	95	73	22	84	68.4	60	SW...	NW...	165	.....	12
29.97	56	85	69	16	77	64.4	58	N....	NW...	137	.....	13
29.98	70	69	63	6	66	60.8	56	NE...	E....	169	T.	14
29.84	72	82	60	22	71	63.4	60	E....	N....	99	.....	15
30.02	45	76	59	17	68	53.7	43	N....	W....	236	.....	16
30.15	46	80	52	28	66	54.5	44	N....	SE....	107	.....	17
30.04	62	80	55	25	68	60.2	54	S....	SE....	154	.03	18
29.83	93	79	63	16	71	63.2	62	NE...	SW...	121	.20	19
30.06	56	77	57	20	67	55.4	48	NW...	S....	184	.....	20
30.06	80	87	64	23	76	68.2	66	S....	SE....	146	.07	21
29.96	72	82	69	13	76	64.8	66	SE...	S....	110	.12	22
29.94	89	92	70	22	81	72.2	71	SE...	NW...	104	.42	23
29.93	70	97	70	27	84	75.2	72	NW...	S....	95	.....	24
29.98	85	95	69	26	82	71.9	70	SW...	S....	125	1.28	25
30.04	66	88	72	16	80	70.8	67	N....	SE....	109	.20	26
29.92	84	90	70	20	80	72.8	71	S....	S....	107	.22	27
29.78	86	88	66	22	77	68.9	67	SE...	S....	186	2.95	28
29.89	58	82	68	14	75	63.9	58	W....	NW...	204	29
30.12	52	80	62	18	71	58.8	51	NW...	SW...	207	30
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TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914, conditions—

JULY.

[illegible]

arranged with reference to race, cause of death, and corresponding daily meteorological
Continued.

JULY.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.07	80	72	62	10	67	63.9	62	S.....	E.....	104	0.05	1
29.95	77	84	68	16	76	69.6	67	SW.....	.....	135	.05	2
30.06	68	80	65	15	72	64.8	61	NW.....	E.....	154	.....	3
30.16	78	73	65	8	69	63.4	60	S.....	SE.....	154	.35	4
30.10	86	80	64	16	72	65.2	64	E.....	NE.....	93	.42	5
30.04	74	76	60	16	68	63.2	60	N.....	NE.....	117	.....	6
30.00	79	81	62	19	72	65.4	63	W.....	SE.....	84	.02	7
30.08	78	87	66	21	76	69.1	66	S.....	S.....	138	.....	8
30.06	87	86	66	20	76	71.1	70	NE.....	S.....	87	.....	9
29.98	79	89	67	22	78	72.0	70	E.....	S.....	107	.....	10
29.95	80	89	66	23	78	70.8	69	N.....	S.....	95	.34	11
29.88	68	92	71	21	82	73.5	70	NW.....	.....	137	.....	12
29.86	92	86	71	15	78	71.4	70	NW.....	NW.....	110	.20	13
29.85	84	83	70	13	76	72.3	70	E.....	SE.....	98	.07	14
29.82	78	89	74	15	82	74.0	71	S.....	S.....	141	.....	15
29.86	71	90	72	18	81	71.4	68	SW.....	SW.....	196	.02	16
29.82	82	92	72	20	82	76.0	72	SW.....	N.....	102	.....	17
29.84	72	88	72	16	80	71.8	60	NW.....	SW.....	144	T.	18
30.01	55	79	66	13	72	61.4	54	NW.....	NW.....	214	.....	19
30.07	56	85	62	23	74	62.6	56	N.....	S.....	104	.....	20
30.02	66	93	67	26	80	69.8	66	S.....	S.....	83	.....	21
30.15	51	92	69	23	80	67.5	60	NW.....	E.....	109	.....	22
30.04	60	98	71	27	84	70.2	64	SW.....	NW.....	114	T.	23
29.92	66	91	75	16	83	72.4	68	NW.....	E.....	156	.01	24
29.89	78	87	74	13	80	74.0	72	S.....	W.....	103	T.	25
29.96	72	89	74	15	82	73.0	70	N.....	S.....	96	.....	26
29.90	74	95	69	26	82	73.6	70	SW.....	S.....	84	.....	27
29.77	78	83	63	20	73	70.2	63	NE.....	NE.....	171	.72	28
29.88	60	77	59	18	68	61.7	52	N.....	N.....	201	T.	29
30.04	74	72	56	16	64	60.6	54	NE.....	N.....	140	.07	30
30.00	72	75	56	19	66	62.6	56	N.....	S.....	106	0	31
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TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914, conditions—

AUGUST.

Day of month.	Color.	Deaths, less those by violence.	Deaths due to external causes.				Minor contagious diseases.		Dysentery.	Typhoid fever.	Malarial fevers.	Pulmonary tuberculosis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Rheumatism.	All other diseases.	Deaths by color.	Total deaths.
			Accidents and negligence.	Homicides.	Suicides.	Strokes.	Scarlet fever.	Diphtheria and croup.											
1.....	W. C.	13										3	1				9	13	18
2.....	W. C.	4	1						2			1	2				5	9	16
3.....	W. C.	7										2					5	7	10
4.....	W. C.	5							1								5	5	10
5.....	W. C.	7	1							1		1					8	8	14
6.....	W. C.	6										1		1			4	4	8
7.....	W. C.	4	1									1					3	4	7
8.....	W. C.	3	1									1					5	5	9
9.....	W. C.	2								1		1			1		1	1	4
10.....	W. C.	6							1				2				4	4	12
11.....	W. C.	13	1						1			3					9	14	16
12.....	W. C.	2								1							1	2	3
13.....	W. C.	8	1						1			1	1				5	9	19
14.....	W. C.	10						1				2					6	10	20
15.....	W. C.	14							1	1				1			4	7	21
16.....	W. C.	7							1	1							4	4	10
17.....	W. C.	4										1	1				3	3	6
18.....	W. C.	9	1						1			2					6	10	16
19.....	W. C.	6								1		1	1				3	3	6
20.....	W. C.	5							1			1					2	2	4
21.....	W. C.	7	1					1				1					4	4	8
22.....	W. C.	3							2								3	3	6
23.....	W. C.	6															6	6	12
24.....	W. C.	8							1			1					3	3	6
25.....	W. C.	7								1							6	6	12
26.....	W. C.	7	1									1					5	5	10
27.....	W. C.	7										1	1				3	3	6
28.....	W. C.	11	1					1	2			1			1		6	12	19
29.....	W. C.	7							1								5	5	10
30.....	W. C.	7															7	7	14
31.....	W. C.	8															8	8	16
Total.....	W. C.	225	12	2	0	3	3	0	8	6	7	22	12	1	2	2	164	239	429
	C.	187	3					3	16	3		30	6			0	122	190	

arranged with reference to race, cause of death, and corresponding daily meteorological
Continued.

AUGUST.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.02	70	86	59	27	72	63.8	60	S.....	S.....	78	.....	1
29.92	76	88	66	22	77	68.8	66	S.....	S.....	93	.....	2
29.92	66	84	67	17	76	65.4	61	NW...	N.....	147	.....	3
30.02	72	79	66	13	72	65.2	62	NE...	E.....	134	.....	4
30.08	76	81	67	14	74	66.4	64	NE...	SE...	134	.....	5
30.10	74	84	65	19	74	67.6	64	NE...	SE...	106	.....	6
30.09	76	89	69	20	79	71.0	69	S.....	S.....	156	.....	7
30.04	76	95	72	23	84	72.8	70	SW...	.....	73	.....	8
30.03	68	94	72	22	83	73.8	70	S.....	S.....	113	.....	9
30.06	88	90	73	17	82	72.4	72	SW...	SE...	145	0.35	10
30.04	91	92	72	20	82	72.9	72	SW...	NE...	136	1.03	11
30.06	86	84	69	15	76	72.5	71	SW...	NW...	100	.41	12
30.10	72	80	63	17	72	63.6	60	NW...	N.....	144	.....	13
29.92	78	87	59	28	73	68.1	66	SW...	S.....	70	.....	14
29.96	72	85	68	17	76	67.2	64	NW...	.....	107	.01	15
30.08	61	87	60	27	74	64.4	58	.....	SE...	79	.....	16
30.02	74	90	65	25	78	70.0	67	S.....	NE...	83	.....	17
30.00	76	94	65	29	80	71.0	68	SW...	S.....	68	.....	18
30.02	63	97	71	26	84	72.4	68	SW...	SE...	81	.....	19
29.97	68	96	74	22	85	73.8	70	SW...	SE...	114	.....	20
29.92	80	90	70	20	80	71.8	70	SW...	S.....	127	.08	21
30.07	64	87	66	21	76	65.4	60	NW...	S.....	139	.....	22
29.96	82	93	61	32	77	70.7	68	S.....	S.....	118	.....	23
29.91	82	92	74	18	83	72.9	71	S.....	N.....	99	.06	24
30.16	85	75	60	15	68	59.2	57	NE...	N.....	202	.32	25
30.18	90	66	58	8	62	59.2	58	NE...	N.....	153	.59	26
30.14	88	77	63	14	70	65.6	64	N.....	N.....	61	.....	27
30.00	96	77	68	9	72	70.8	70	S.....	NE...	110	3.09	28
29.86	93	91	69	22	80	72.4	72	S.....	SW...	123	.06	29
30.01	72	81	66	15	74	65.5	62	NW...	W.....	169	30
30.06	78	86	63	23	74	67.4	65	SW...	80	31
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arranged with reference to race, cause of death, and corresponding daily meteorological
Continued.

SEPTEMBER.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.04	76	90	65	25	78	70.8	68	S.....	S.....	84	.....	1
30.00	72	96	72	24	84	73.7	70	S.....	S.....	116	.....	2
29.99	76	83	72	11	78	70.8	68	N.....	SW....	116	T.	3
30.02	65	80	60	20	70	60.1	55	W.....	N.....	146	.....	4
30.14	72	76	55	21	66	56.8	52	N.....	NE....	94	.....	5
29.99	78	87	54	33	70	61.4	61	S.....	.....	83	.....	6
29.94	65	88	68	20	78	66.9	62	NW....	NW....	152	.....	7
30.12	76	68	53	15	60	55.2	52	N.....	N.....	107	T.	8
30.26	61	66	51	15	58	48.8	42	N.....	N.....	210	.....	9
30.27	70	69	45	24	57	49.6	45	N.....	NW....	130	.....	10
30.12	76	63	50	13	56	52.4	50	SW....	E.....	88	0.26	11
30.20	79	63	54	9	58	54.7	52	NE....	NE....	202	.01	12
30.38	67	68	50	18	59	53.0	48	NE....	SE....	198	.....	13
30.42	68	69	50	19	60	54.2	50	NE....	E.....	167	.....	14
30.36	76	72	49	23	60	53.0	50	N.....	N.....	124	.....	15
30.37	84	74	52	22	63	58.5	56	NE....	E.....	152	.....	16
30.30	69	78	57	21	68	58.3	54	NE....	N.....	103	.....	17
30.18	79	85	56	29	70	60.4	58	S.....	N.....	52	.....	18
30.10	79	80	60	20	70	63.0	60	.....	E.....	89	.....	19
30.18	80	81	55	26	68	61.9	59	S.....	S.....	83	.....	20
30.14	80	92	58	34	75	63.6	61	S.....	N.....	47	.....	21
30.01	83	92	59	33	76	65.2	63	SW....	N.....	43	.....	22
29.86	78	92	62	30	77	66.8	64	.....	E.....	56	.....	23
29.88	94	81	57	24	69	62.2	62	SW....	N.....	151	.35	24
30.01	88	65	56	9	60	55.4	54	N.....	N.....	129	.04	25
30.24	72	65	49	16	57	48.4	44	NW....	N.....	193	.....	26
30.27	62	74	44	30	59	52.4	46	W.....	NE....	141	T.	27
30.40	65	64	43	21	54	44.8	39	N.....	N.....	145	28
30.32	64	69	41	28	55	47.8	42	NE....	S.....	78	29
30.08	66	79	50	29	64	52.8	47	S.....	NE....	155	30
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arranged with reference to race, cause of death, and corresponding daily meteorological
Continued.

OCTOBER.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.26	74	69	47	22	58	50.8	47	SE...	N....	96	.....	1
30.32	80	75	42	33	58	48.8	46	Calm..	N....	61	.....	2
30.22	88	71	44	27	58	53.9	52	Calm..	N....	52	.....	3
30.14	94	71	56	15	64	59.6	58	N....	N....	69	T.	4
30.11	94	76	61	15	68	62.6	62	NE...	Calm..	81	0.19	5
30.18	88	82	56	26	69	62.0	60	SW...	SE....	75	.....	6
30.18	84	66	62	4	64	61.2	60	SE....	SE....	103	T.	7
30.06	88	69	62	7	66	62.5	61	S....	W....	67	.....	8
30.06	86	80	62	18	71	65.2	64	NW...	SE....	80	.....	9
30.02	84	86	60	26	73	65.0	63	NE...	S....	109	.....	10
30.00	73	82	61	21	72	63.6	60	SW...	NW...	96	.....	11
30.12	70	75	52	23	64	53.6	49	N....	Calm..	83	.....	12
30.24	73	72	50	22	61	55.2	52	NE...	E....	237	.....	13
30.36	74	60	55	5	58	53.4	50	NE...	NE....	293	.14	14
30.12	98	67	56	11	62	61.4	61	NE...	E....	160	.17	15
29.84	96	73	66	7	70	68.5	68	S....	SE....	156	1.09	16
29.84	68	71	59	12	65	54.8	50	SW...	SW...	127	.....	17
29.88	72	67	52	15	60	51.8	48	SW...	NW...	104	.02	18
30.09	82	68	50	18	59	52.0	49	W....	W....	137	.....	19
30.25	86	74	46	28	60	51.6	50	Calm..	N....	44	.....	20
30.28	83	75	51	24	63	54.2	52	Calm..	Calm..	41	.....	21
30.21	71	77	50	27	64	54.5	50	Calm..	N....	125	.....	22
30.35	70	66	49	17	58	51.4	47	NE...	NE....	196	.....	23
30.12	91	66	44	22	55	53.5	52	Calm..	W....	53	.02	24
29.98	83	58	54	4	56	52.9	51	NE...	E....	110	T.	25
29.74	74	66	46	20	56	51.0	47	N....	NW...	111	.02	26
30.10	52	46	35	11	40	31.7	22	N....	NW...	337	.....	27
30.15	59	55	33	22	44	35.9	28	W....	SW...	131	.....	28
29.96	73	56	38	18	47	41.8	38	S....	SW...	92	T.	29
30.06	57	60	45	15	52	43.1	34	NW...	S....	261	30
30.16	61	67	42	25	54	44.0	37	W....	S....	115	31
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TABLE 2.—Daily mortality in the District of Columbia during the calendar year 1914,
conditions—
NOVEMBER.

Day of month.	Color.	Deaths, less those by violence. Accidents and negligence.	Deaths due to external causes.			Minor contagious diseases.			Diarrheal diseases.		Dysentery.	Typhoid fever.	Malarial fevers.	Pulmonary tuberculosis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Rheumatism.	All other diseases.	Deaths by color.	Total deaths.
			Homicides.	Suicides.	Struck by vehicles.	Scarlet fever.	Diphtheria and croup.	Measles.	Whooping cough.	Under 2 years.	2 years and over.	Under 2 years.	2 years and over.								
1	W.	12												2					10	12	17
2	C.	5					1							3					1	5	5
3	W.	9		1					1						1				7	10	20
4	C.	10								1				2					4	10	12
5	W.	5	2	2						1				1					2	5	13
6	C.	3		1										1					3	5	14
7	W.	7		1							2			1					7	10	18
8	C.	4		1										1					0	4	8
9	W.	8												1		1			6	8	20
10	C.	15		1			1							1					10	16	20
11	W.	4								1				1					2	4	12
12	C.	5	1											1					4	6	12
13	W.	6		1										1					5	6	14
14	C.	7	1											1					5	7	14
15	W.	7												1	2				4	7	15
16	C.	9		1						1				1		1			9	6	18
17	W.	8												1					3	7	18
18	C.	9	1							1	1			1			1		7	10	19
19	W.	12												2					11	12	19
20	C.	7	3				1							1			1		3	7	18
21	W.	5								1				1					3	5	14
22	C.	6												1			1		3	6	14
23	W.	18												1					17	18	25
24	C.	7								1				1					7	7	14
25	W.	12	1				1				1			1	1		1		7	13	21
26	C.	7		1						1				2					4	8	12
27	W.	10												2	2				6	10	12
28	C.	2												1	2				1	2	10
29	W.	8		1						1				1					5	8	10
30	C.	2												1					1	2	11
31	W.	9												1		1			7	9	15
32	C.	5	1											1					6	5	16
33	W.	11					2							3					5	11	16
34	C.	9												2	1		1		7	9	15
35	W.	6										1		1					4	6	14
36	C.	6												1					3	6	14
37	W.	8												2	1				7	8	17
38	C.	2	2	1										1					5	9	18
39	W.	6												1					8	6	18
40	C.	10	2											2	1				5	13	23
41	W.	3												1					7	3	14
42	C.	1												1					1	1	2
43	W.	13		1							1			1					11	13	20
44	C.	5												1					2	5	7
45	W.	12												1					10	12	20
46	C.	7												1					5	7	12
47	W.	13		1						1				3					10	14	22
48	C.	8												1					5	8	13
49	W.	11	1											1			1		8	12	15
50	C.	3												1					2	3	5
Total	W.	284	12	1	9		5		1	0	2	1	0	25	22	3	1	2	222	306	489
	C.	170	8	4	1		1		0	11	1		2	25	19	1	0	4	106	183	

arranged with reference to race, cause of death, and corresponding daily meteorological Continued.

NOVEMBER.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s a. m.	s p. m.			
30.02	72	66	37	32	53	42.0	36	SW...	Calm..	53	.....	1
29.92	53	72	47	25	60	46.7	36	Calm..	N.....	197	.....	2
29.99	72	66	38	28	52	45.0	40	NW...	S.....	88	.....	3
29.84	56	79	47	32	63	51.2	42	S.....	W.....	174	.....	4
29.96	50	63	44	19	54	42.0	32	W.....	NW...	198	.....	5
30.14	52	55	34	21	44	39.0	30	NW...	NW...	179	.....	6
30.18	70	60	30	30	45	38.8	34	Calm..	S.....	115	.....	7
29.90	76	73	41	32	57	48.6	45	S.....	W.....	201	0.39	8
30.08	64	44	31	13	38	33.4	27	NW...	N.....	238	.....	9
30.16	65	46	27	19	36	31.2	24	NW...	S.....	130	.....	10
30.05	55	60	36	24	48	37.3	28	W.....	NW...	151	.....	11
30.24	64	62	34	28	48	38.2	31	S.....	SE....	94	.....	12
30.10	59	66	44	22	55	44.8	36	S.....	SW...	185	.....	13
30.26	68	55	41	14	48	42.7	37	NE...	E.....	155	.02	14
29.77	94	64	48	16	56	57.2	56	NE...	SE....	276	1.64	15
29.85	56	61	33	28	47	41.6	34	NW...	NW...	381	.01	16
30.35	60	37	28	9	32	27.8	20	NW...	NW...	305	.....	17
30.47	72	40	23	17	32	27.8	24	W.....	S.....	75	.....	18
30.06	83	43	28	15	36	31.3	30	NE...	NW...	122	.....	19
29.82	64	38	26	12	32	26.6	20	NW...	NW...	396	.....	20
29.96	54	38	26	12	32	25.0	16	SW...	W.....	144	.....	21
30.08	70	45	25	20	35	30.2	25	S.....	NW...	100	.....	22
30.51	50	38	28	10	33	26.9	18	NW...	NW...	235	.....	23
30.60	74	42	20	22	31	25.8	22	SW...	S.....	95	.....	24
30.26	66	52	33	19	42	32.2	30	S.....	W.....	69	.....	25
30.05	63	68	38	30	53	42.4	36	SE....	SW...	126	.....	26
30.14	50	65	45	20	55	45.8	36	W.....	N.....	157	T.	27
30.58	68	49	34	15	42	33.6	23	N.....	NE....	178	28
30.59	81	56	33	18	47	44.5	40	NE...	E.....	213	T.	29
30.38	86	65	48	17	56	52.5	50	NE...	E.....	156	T.	30
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arranged with reference to race, cause of death, and corresponding daily meteorological
Continued.

DECEMBER.

Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean wet bulb.	Mean dew point.	Direction of wind.		Total movement of wind.	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.			
30.23	94	60	52	8	56	51.8	51	NE...	NE...	146	T.	1
30.12	95	64	47	17	56	50.8	50	N.....	SW...	77	T.	2
30.22	86	64	50	14	57	50.6	48	SW...	N.....	115	.....	3
30.30	64	52	42	10	47	39.4	33	NE...	NE...	299	T.	4
30.26	88	44	35	9	40	38.6	37	NE...	NE...	393	0.14	5
30.18	89	37	34	3	36	34.6	33	NE...	NE...	367	1.01	6
29.89	93	37	34	3	36	34.2	34	NW...	NW...	244	.57	7
29.91	90	42	35	7	38	37.0	36	NW...	N.....	142	.01	8
30.08	90	39	36	3	38	36.8	36	E.....	NE...	166	.02	9
30.08	96	37	33	4	35	35.4	35	NE...	NW...	126	.19	10
30.12	98	36	34	2	35	34.0	32	NW...	N.....	128	.04	11
30.28	69	36	28	8	32	29.4	24	NW...	N.....	169	.....	12
29.82	86	37	28	9	32	32.4	30	SE....	NW...	180	.77	13
29.84	59	38	16	22	27	25.2	18	NW...	NW...	311	.....	14
30.36	54	20	11	9	16	11.4	2	NW...	N.....	222	.....	15
30.60	59	27	11	16	19	13.7	5	N.....	N.....	99	.....	16
30.60	72	28	14	14	21	16.7	12	W.....	NW...	90	.....	17
30.50	73	36	13	23	24	20.4	16	Calm..	SE....	56	.....	18
30.18	86	38	28	10	33	32.1	30	W.....	W.....	70	.18	19
30.35	56	41	32	9	36	30.0	22	N.....	E.....	192	T.	20
29.98	82	43	30	13	36	34.4	31	NW...	NW...	147	.76	21
30.10	46	38	28	10	33	25.3	13	NW...	N.....	205	.....	22
30.18	59	38	19	19	28	22.6	14	Calm..	N.....	140	.....	23
30.14	71	29	25	4	27	26.3	26	S.....	SW...	97	.26	24
30.15	61	34	16	18	25	22.6	15	N.....	N.....	236	T.	25
30.54	72	18	6	12	12	8.2	4	N.....	N.....	208	.....	26
30.48	75	28	2	26	15	10.3	6	Calm..	Calm..	50	.....	27
30.36	74	36	10	26	23	20.6	16	Calm..	E.....	66	T.	28
29.90	98	34	30	4	32	32.3	32	N.....	SW...	97	.54	29
30.01	77	45	32	13	38	32.4	28	SW...	NW...	327	.....	30
30.21	58	34	29	5	32	27.0	19	NE...	N.....	110	.....	31
.....

TABLE 3.—Deaths and average age of decedents in the District of Columbia, arranged according to age, sex, and race, with percentages to total corresponding mortality, from 1896 to 1914, inclusive.

WHITE MALES.

Year.	All ages.		5 years and over.		
	Deaths.	Average age.	Deaths.	Average age.	Percentage to all deaths.
1896-1900.....	1,764	Yr. mo. d. 35 6 21	1,316	50 11 16	74.60
1901-1905.....	1,875	41 8 7	1,487	52 3 24	79.31
1906-1910.....	2,021	43 11 17	1,633	54 3 1	80.78
1911.....	2,089	46 0 28	1,739	55 2 23	83.24
1912.....	1,976	46 5 3	1,658	55 2 19	83.91
1913.....	1,987	47 4 26	1,678	56 0 2	84.45
1914.....	1,955	49 9 28	1,712	56 9 23	87.57

Year.	20 years and over.			40 years and over.		
	Deaths.	Average age.	Percentage to all deaths.	Deaths.	Average age.	Percentage to all deaths.
1896-1900.....	1,216	Yr. mo. d. 53 11 18	68.93	906	64 10 24	51.36
1901-1905.....	1,398	54 9 29	74.56	1,057	62 9 9	56.37
1906-1910.....	1,548	56 6 20	76.58	1,217	63 7 6	60.61
1911.....	1,665	57 1 12	70.12	1,322	63 11 11	63.28
1912.....	1,587	57 1 15	80.31	1,261	63 9 12	63.81
1913.....	1,603	58 0 13	80.67	1,303	64 2 28	65.57
1914.....	1,642	58 8 20	83.99	1,371	64 2 8	70.13

WHITE FEMALES.

Year.	All ages.		5 years and over.		
	Deaths.	Average age.	Deaths.	Average age.	Percentage to all deaths.
1896-1900.....	1,474	Yr. mo. d. 54 3 27	1,105	54 1 23	74.96
1901-1905.....	1,519	43 5 16	1,221	52 3 14	80.38
1906-1910.....	1,605	45 5 27	1,308	55 7 22	81.47
1911.....	1,650	47 0 17	1,357	57 0 17	82.24
1912.....	1,630	50 1 4	1,412	56 10 12	86.62
1913.....	1,581	48 2 26	1,340	56 9 6	84.75
1914.....	1,538	50 7 16	1,343	57 10 23	87.32

Year.	20 years and over.			40 years and over.		
	Deaths.	Average age.	Percentage to all deaths.	Deaths.	Average age.	Percentage to all deaths.
1896-1900.....	1,003	Yr. mo. d. 55 0 24	68.05	736	63 8 17	49.93
1901-1905.....	1,144	56 6 0	75.31	867	64 11 6	57.08
1906-1910.....	1,229	58 4 18	76.56	981	65 3 6	61.04
1911.....	1,288	59 5 5	78.06	1,037	66 6 24	62.85
1912.....	1,347	59 11 2	82.62	1,102	66 6 10	67.61
1913.....	1,263	59 4 22	79.89	1,020	66 2 20	64.52
1914.....	1,281	60 1 2	83.29	1,263	66 4 5	82.12

TABLE 3.—Deaths and average age of decedents in the District of Columbia, arranged according to age, sex, and race, with percentages to total corresponding mortality, from 1896 to 1914, inclusive—Continued.

COLORED MALES.

Year.	All ages.		5 years and over.		
	Deaths.	Average age.	Deaths.	Average age.	Percentage to all deaths.
		Yr. mo. d.		Yr. mo. d.	
1896-1900.....	1,262	24 2 5	723	41 0 11	57.29
1901-1905.....	1,332	28 2 28	851	43 1 21	63.89
1906-1910.....	1,375	30 7 22	957	43 8 11	69.61
1911.....	1,319	33 0 6	938	43 11 6	74.75
1912.....	1,348	33 11 26	1,021	44 7 26	75.74
1913.....	1,253	34 7 26	939	45 11 23	74.94
1914.....	1,214	34 10 21	930	45 3 26	76.90

Year.	20 years and over.			40 years and over.		
	Deaths.	Average age.	Percentage to all deaths.	Deaths.	Average age.	Percentage to all deaths.
		Yr. mo. d.			Yr. mo. d.	
1896-1900.....	605	46 11 7	47.94	369	58 3 29	29.24
1901-1905.....	781	46 6 15	57.88	475	57 8 2	35.56
1906-1910.....	889	46 9 17	63.21	525	57 8 4	38.19
1911.....	901	46 10 4	68.31	548	57 7 8	41.55
1912.....	931	47 8 1	69.06	603	56 11 4	44.73
1913.....	880	48 2 7	70.23	573	57 7 28	45.73
1914.....	878	47 2 3	72.32	551	57 1 4	45.88

COLORED FEMALES.

Year.	All ages.		5 years and over.		
	Deaths.	Average age.	Deaths.	Average age.	Percentage to all deaths.
		Yr. mo. d.		Yr. mo. d.	
1896-1900.....	1,311	26 3 12	820	42 5 5	62.55
1901-1905.....	1,315	29 4 17	898	40 11 27	68.29
1906-1910.....	1,304	31 0 7	930	43 1 23	71.32
1911.....	1,245	33 6 22	919	45 2 7	73.81
1912.....	1,305	33 8 18	938	44 3 10	75.71
1913.....	1,185	34 11 3	919	44 10 12	77.55
1914.....	1,159	36 3 26	951	44 1 5	82.05

Year.	20 years and over.			40 years and over.		
	Deaths.	Average age.	Percentage to all deaths.	Deaths.	Average age.	Percentage to all deaths.
		Yr. mo. d.			Yr. mo. d.	
1896-1900.....	663	47 4 28	50.57	404	59 11 7	30.82
1901-1905.....	764	47 1 1	58.10	471	57 8 1	35.82
1906-1910.....	814	47 3 27	62.43	496	57 6 1	38.00
1911.....	828	48 7 21	66.51	533	59 5 11	42.81
1912.....	876	48 1 27	67.13	555	58 8 24	42.53
1913.....	829	48 3 1	69.06	527	58 11 5	44.47
1914.....	840	48 0 25	72.47	539	58 2 9	46.50

TABLE 4.—Decedents in the District of Columbia under 1 year of age, by race, sex, age, and by months, during the calendar year 1914.

Age.	January.				February.				March.				April.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 day.....	1	2	3	---	3	3	2	2	7	4	2	1	3	1	1	---
1 day to 1 week.....	3	3	2	4	4	4	6	5	2	4	1	1	6	3	2	3
1 week to 1 month.....	3	3	2	---	3	2	---	---	4	5	1	2	2	2	---	1
1 to 2 months.....	---	1	2	1	2	1	5	2	1	2	1	1	2	---	1	---
2 to 3 months.....	3	1	2	---	2	---	5	2	---	---	3	---	---	---	1	---
3 to 4 months.....	---	---	---	1	1	2	1	---	1	---	2	---	---	2	---	1
4 to 5 months.....	---	---	2	1	1	---	2	---	1	---	---	---	---	---	1	1
5 to 6 months.....	---	---	---	1	---	---	---	3	1	---	1	---	---	1	1	---
6 to 7 months.....	---	2	---	1	1	---	2	1	---	---	1	---	1	---	1	1
7 to 8 months.....	1	1	---	3	---	---	---	---	1	2	2	1	---	1	3	---
8 to 9 months.....	---	---	---	---	---	---	---	---	1	2	---	2	---	---	---	---
9 to 10 months.....	---	---	---	---	1	---	2	1	1	1	---	---	---	1	---	---
10 to 11 months.....	---	---	1	---	---	---	1	1	---	---	1	---	---	---	3	---
11 to 12 months.....	---	---	---	---	---	1	1	---	---	---	---	---	---	1	1	---
Total.....	11	11	15	10	15	14	25	18	21	20	13	12	16	7	11	15
Total by color.....	22		25		29		43		41		25		23		26	

Age.	May.				June.				July.				August.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 day.....	2	1	4	1	---	2	4	---	6	6	3	2	4	4	1	4
1 day to 1 week.....	1	1	2	3	4	5	4	3	---	3	1	5	1	6	---	---
1 week to 1 month.....	3	1	2	3	3	---	1	1	3	1	1	5	1	2	---	4
1 to 2 months.....	---	1	1	---	2	---	1	1	1	3	---	---	3	---	1	---
2 to 3 months.....	---	1	3	---	1	---	1	2	1	3	2	---	1	---	2	---
3 to 4 months.....	1	---	---	---	---	2	1	2	2	2	---	1	2	1	1	---
4 to 5 months.....	---	2	2	2	---	---	---	---	2	2	---	2	2	1	1	---
5 to 6 months.....	1	---	1	---	1	---	1	1	2	---	1	---	---	3	1	---
6 to 7 months.....	1	1	1	---	---	---	1	---	---	2	1	1	---	1	2	---
7 to 8 months.....	---	---	---	---	---	2	---	---	1	1	1	1	---	1	---	---
8 to 9 months.....	---	---	1	---	---	---	---	1	1	1	1	1	1	3	---	---
9 to 10 months.....	---	---	1	---	---	1	---	---	2	1	1	---	---	---	2	---
10 to 11 months.....	---	---	1	---	---	1	1	1	---	1	1	---	---	---	---	---
11 to 12 months.....	---	---	2	1	---	---	---	1	---	---	1	---	1	---	---	---
Total.....	9	9	20	11	11	7	17	12	21	14	22	16	23	13	22	18
Total by color.....	18		31		18		29		35		38		36		40	

Age.	September.				October.				November.				December.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 day.....	4	3	4	2	---	2	2	---	4	4	2	---	3	3	---	---
1 day to 1 week.....	4	6	3	2	2	3	3	1	2	3	4	3	3	3	2	4
1 week to 1 month.....	1	---	3	2	---	---	2	3	4	1	---	2	---	---	2	---
1 to 2 months.....	1	---	---	3	2	---	---	1	---	1	2	2	1	2	2	---
2 to 3 months.....	1	4	1	---	2	2	3	1	3	---	3	---	1	2	---	---
3 to 4 months.....	1	1	---	1	---	---	4	2	2	---	3	---	3	---	2	2
4 to 5 months.....	1	---	1	---	2	---	---	---	1	---	1	---	1	---	---	3
5 to 6 months.....	1	---	2	---	1	---	1	---	2	---	---	---	1	---	---	---
6 to 7 months.....	2	1	4	1	1	2	---	1	---	2	---	1	2	1	1	---
7 to 8 months.....	---	1	1	---	1	---	---	---	---	---	---	---	---	---	---	---
8 to 9 months.....	1	3	1	---	1	1	1	---	1	---	---	---	1	---	---	---
9 to 10 months.....	3	---	---	1	---	---	1	---	1	1	---	1	1	1	1	---
10 to 11 months.....	---	1	---	---	---	---	---	1	---	---	1	---	1	---	---	1
11 to 12 months.....	---	---	1	---	---	---	1	---	1	1	---	---	---	---	---	---
Total.....	20	19	20	11	9	16	16	12	18	11	20	9	17	11	11	16
Total by color.....	39		31		25		28		29		29		28		27	

TABLE 4.—*Decedents in the District of Columbia under 1 year of age, by race, sex, age, and by months, during the calendar year 1914—Continued.*

SUMMARY.

Age.	White.				Colored.				Total.	
	Males.		Females.		Males.		Females.			
	Deaths.	Per-centage to white male decedents under 1 year of age.	Deaths.	Per-centage to white female decedents under 1 year of age.	Deaths.	Per-centage to colored male decedents under 1 year of age.	Deaths.	Per-centage to colored female decedents under 1 year of age.	Deaths.	Per-centage to all decedents under 1 year of age.
Under 1 day	37	19.37	35	23.03	28	13.21	12	7.50	112	15.66
1 day to 1 week	38	19.90	34	22.37	37	17.45	34	21.25	143	20.00
1 week to 1 month	30	15.71	18	11.84	20	9.43	19	11.88	87	12.17
1 to 2 months	15	7.85	9	5.92	18	8.49	13	8.13	55	7.69
2 to 3 months	16	8.38	11	7.24	27	12.74	9	5.63	63	8.81
3 to 4 months	11	5.76	8	5.26	18	8.49	11	6.88	48	6.71
4 to 5 months	6	3.14	6	3.95	10	4.72	9	5.63	31	4.33
5 to 6 months	9	4.71	6	3.95	8	3.77	6	3.75	29	4.06
6 to 7 months	8	4.19	9	5.92	11	5.19	11	6.87	39	5.45
7 to 8 months	3	1.57	4	2.63	8	3.77	9	5.62	24	3.36
8 to 9 months	7	3.66	7	4.60	11	5.19	1	.62	26	3.64
9 to 10 months	5	2.62	3	1.97	9	4.25	8	5.00	25	3.50
10 to 11 months	3	1.57	1	.66	2	.94	11	6.87	17	2.38
11 to 12 months	3	1.57	1	.66	5	2.36	7	4.37	16	2.24
Total by color.	191	100.00	152	100.00	212	100.00	160	100.00	715	100.00

TABLE 5.—*Number and age of decedents in the District of Columbia 70 years of age and over during the calendar year 1914.*

Age (years).	White.		Colored.		Total.	Age (years).	White.		Colored.		Total.
	Male.	Female.	Male.	Female.			Male.	Female.	Male.	Female.	
70.....	51	35	15	14	115	87.....	4	8	1	1	14
71.....	38	34	7	9	88	88.....	3	4	3	1	11
72.....	35	31	4	5	75	89.....	2	4	1	2	9
73.....	45	35	11	8	99	90.....	5	4	2	2	13
74.....	47	39	16	7	109	91.....	3	2	1	1	7
75.....	40	39	7	12	98	92.....	1	3	.....	.....	5
76.....	36	28	2	7	73	93.....	1	2	1	.....	4
77.....	32	37	5	4	78	94.....	3	1	.....	.....	4
78.....	31	33	2	5	71	95.....	1	1	.....	1	4
79.....	23	17	1	1	42	96.....	.....	1	2	.....	3
80.....	37	21	5	9	72	97.....	.....	1	1	.....	1
81.....	21	19	1	3	44	98.....	2	.....	1	.....	3
82.....	16	20	2	1	39	99.....	.....	.....	1	.....	1
83.....	16	12	.....	2	30	102.....	.....	.....	1	.....	1
84.....	11	27	3	3	44						
85.....	8	8	.....	.....	18						
86.....	14	15	2	1	32						
						Total.....	526	480	100	101	1,207

TABLE 6.—*Number of deaths in hospitals and other public institutions in the District of Columbia during the calendar year 1914.*

Place of death.	White.	Colored.	Total.
Baby Hospital Camp.....	2	.....	2
Baptist Home (Stoddard).....	3	2	5
Casualty Hospital.....	30	21	51
Chevy Chase Sanatorium.....	3	.....	3
Children's Hospital.....	44	40	84
Columbia Hospital.....	13	20	33
Confederate Home.....	1	.....	1
Convent of the Visitation (Connecticut Avenue).....	1	.....	1
Edes Home.....	3	.....	3
Emergency Hospital.....	69	32	101
Epiphany Church Home.....	2	.....	2
Episcopal Eye, Ear, and Throat Hospital.....	12	.....	12
Freedmen's Hospital.....	2	274	276
Florence Crittenden Home.....	1	.....	1
Garfield Memorial Hospital.....	85	83	138
George Washington University Hospital.....	83	.....	83
Georgetown University Hospital.....	114	34	148
Georgetown Visitation Convent.....	2	.....	2
Government Hospital for the Insane.....	237	80	317
Home for the Aged and Infirm (Blue Plains).....	15	33	48
Home for Incurables.....	12	.....	12
Interstate Old Folks Home.....	1	1	1
John Dickson Home.....	1	.....	1
Little Sisters of the Poor.....	26	12	38
Louise Home.....	3	.....	3
Masonic and Eastern Star Home.....	1	.....	1
Methodist Home for the Aged.....	5	.....	5
National Homeopathic Hospital.....	27	26	53
National Lutheran Home for the Aged.....	2	.....	2
National Training School for Boys.....	1	1	2
Providence Hospital.....	151	25	176
Ruppert Home.....	2	.....	2
St. Ann's Infant Asylum.....	18	1	19
St. Vincent's Orphan Asylum.....	1	.....	1
Sibley Hospital.....	105	5	110
Tuberculosis Hospital.....	61	119	180
United States Naval Hospital.....	11	.....	11
United States Soldiers' Home.....	76	4	80
Walter Reed General Hospital.....	21	.....	21
Washington Asylum Hospital.....	83	192	275
Washington Cancer Sanitarium.....	1	.....	1
Washington Home for Foundlings.....	5	.....	5
Washington Sanitarium Mission Hospital.....	1	.....	1
Total.....	1,336	975	2,311

TABLE 7.—Deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged according to the last residence of decedents.

Districts.	Pulmonary tuberculosis.		Pneumonia.		Bronchitis.		Pulmonary congestion.		Diphtheria.		Scarlet fever.	
	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
1.....	3	11	14	14	3	3	1			1		
2.....	4	15	3	8		1						
3.....	4	13	7	13	1				2	1		
4.....	1	6		5		1				1		
5.....	3	24	5	17	1	4	1		2			
6.....	10	8	14	8	7	1			1			
7.....	9	2	5						1			
8.....	25	13	11	8	2	2			1			
9.....	16	50	14	33	5	4			1	1		
10.....	17	6	10	6	2	1	1	1	3	2	1	
11.....	1	28	3	25		6						
12.....	5	25	1	5	1							
13.....	9	9	5	5		1			2			
14.....	13	8	10	7	1	1						
15.....	9	5	10	5	1	1		1	1	1		
16.....	11	6	4	4		2	1					
17.....	11	8	14	4	1	2	2		1			
18.....	14	8	7	1	4	1	2		1			
19.....	4	2	2	3					1			
20.....	2	8	7	2		1			1			
21.....		8	4	4		1						
22.....		4		5		1						
23.....		1	1									
24.....	3				1							
25.....	5	5	4	2	2	1						
26.....	20	8	16	3			2					
27.....	1	7	6	7	2	6		1				
28.....	1											
29.....	2		1						1			
30.....	1	3	4	2		2						
31.....	5		5		1							
32.....	2		5			1						
33.....	5	7	1	3								
34.....	1	5		5		3						
35.....	4	5	6	5	2	1						
36.....	5	7	6	3	2	1						
37.....	4	2	4	1	2							
38.....	2		2	1	1				2			
39.....			1									
40.....	2	1	1									
41.....	3	3	5	2			1					
42.....	1											
43.....			2		2							
44.....	3	1	6		1							
45.....		1	1	1								
46.....	2	1	1	1	1							
47.....		1	1									
48.....	4	9	5	4		1			1			
49.....	2	1	1	1								
50.....	8	6	5	4		1						
51.....	2		1						1			
52.....												
53.....	1		1									
Total.....	290	351	242	226	46	50	9	3	24	7	1	

TABLE 7.—Deaths (stillbirths excluded) in the District of Columbia during the calendar year 1914, arranged according to the last residence of decedents—Continued.

	Typhoid fever.		Malarial fever.		Diarrheal diseases (all).		Other diseases.		Total by districts.		
	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	Total.
1.....		4			2	5	121	95	144	133	277
2.....		1				1	64	53	71	79	150
3.....					10	6	73	46	97	79	176
4.....						1	5	22	6	36	42
5.....					3	14	88	130	103	189	292
6.....		2			2	4	160	44	194	67	261
7.....	1				3		121	17	140	19	159
8.....					7	5	137	40	183	68	251
9.....	1	1	1		9	20	124	190	171	299	470
10.....	1				3	4	144	67	182	97	279
11.....		6			1	3	18	123	23	191	214
12.....		1				7	25	75	32	113	145
13.....		2				3	38	21	54	41	95
14.....		1			3		156	38	183	55	238
15.....	3		1		3	3	122	39	150	55	205
16.....					1	2	52	27	69	41	110
17.....		2			4	3	104	37	137	56	193
18.....			1		4		99	19	130	29	159
19.....					1	3	28	15	36	23	59
20.....						1	30	31	40	43	83
21.....						4	2	15	6	32	38
22.....		1				4	5	12	5	22	27
23.....							2	2	3	3	6
24.....					2		9	4	15	4	19
25.....					1		32	18	44	26	70
26.....					10	1	183	66	231	78	309
27.....		1			1	2	25	54	35	78	113
28.....					1		5	1	6	1	7
29.....							8		12		12
30.....						2	16	11	21	20	41
31.....					3		28		42		42
32.....							23	1	30	2	32
33.....					1	1	59	20	66	31	97
34.....	1	4				5	7	92	9	114	123
35.....	2	1			1	5	94	43	109	60	169
36.....	1				2	2	99	10	115	23	138
37.....							67	4	77	7	84
38.....							16		23		23
39.....	1						13	1	15	1	16
40.....							15	8	18	9	27
41.....	1				2		27	4	39	9	48
42.....	1						5	4	7	4	11
43.....	1						31	3	36	4	40
44.....						1	72	4	82	6	88
45.....							9	10	10	12	22
46.....					1		14	6	19	8	27
47.....							15	2	17	8	20
48.....						1	70	34	80	49	129
49.....		1			1		22	14	27	17	44
50.....	2				3	2	107	22	126	35	161
51.....							8		12	1	13
52.....											
53.....	1					1	8		11	1	12
Total.....	17	28	3		85	114	2,806	1,594	3,493	2,373	5,866

TABLE 7a.—Population, deaths (stillbirths excluded), and death rates per 1,000 during the calendar year 1914, arranged as to race and with reference to the vital statistics divisions of the District of Columbia.

Statistical districts.	White.			Colored.			Total.		
	Popu- lation.	Deaths.	Death rates.	Popu- lation.	Deaths.	Death rates.	Popu- lation.	Deaths.	Death rates.
1.....		144			133			277	
2.....		71			79			150	
3.....		97			79			176	
4.....		6			36			42	
5.....		103			189			292	
6.....		194			67			261	
7.....		140			19			159	
8.....		183			68			251	
9.....		171			299			470	
10.....		182			97			279	
11.....		23			191			214	
12.....		32			113			145	
13.....		54			41			95	
14.....		183			55			238	
15.....		150			55			205	
16.....		69			41			110	
17.....		137			56			193	
18.....		130			29			159	
19.....		36			23			59	
20.....		40			43			83	
21.....		6			32			38	
22.....		5			22			27	
23.....		3			3			6	
24.....		15			4			19	
25.....		44			26			70	
26.....		231			78			309	
27.....		35			78			113	
28.....		6			1			7	
29.....		12						12	
30.....		21			20			41	
31.....		42						42	
32.....		30			2			32	
33.....		66			31			97	
34.....		9			114			123	
35.....		109			60			169	
36.....		115			23			138	
37.....		77			7			84	
38.....		23						23	
39.....		15			1			16	
40.....		18			9			27	
41.....		39			9			48	
42.....		7			4			11	
43.....		36			4			40	
44.....		82			6			88	
45.....		10			12			22	
46.....		19			8			27	
47.....		17			3			20	
48.....		90			49			129	
49.....		27			17			44	
50.....		126			35			161	
51.....		12			1			13	
52.....									
53.....		11			1			12	
Total.....		3,493			2,373			5,866	

TABLE 7b.—*Distribution of population and of deaths (stillbirths excluded) and showing death rates arranged according to race and according to streets and alleys and vital statistics districts during the calendar year 1914.*

Statistical districts.	White.						Colored.					
	Streets.			Alleys.			Streets.			Alleys.		
	Population.	Deaths.	Death rates.	Population.	Deaths.	Death rates.	Population.	Deaths.	Death rates.	Population.	Deaths.	Death rates.
1.....		144						128			5	
2.....		71						61			18	
3.....		97						67			12	
4.....		6						33			3	
5.....		103						174			15	
6.....		194						52			15	
7.....		139		1				17			2	
8.....		183						40			28	
9.....		171						225			74	
10.....		181		1				81			16	
11.....		20		3				154			37	
12.....		32						97			16	
13.....		54						40			1	
14.....		182		1				41			14	
15.....		150						43			12	
16.....		69						41				
17.....		137						51			5	
18.....		130						21			8	
19.....		36						23				
20.....		40						42			1	
21.....		6						32				
22.....		5						22				
23.....		2						3				
24.....		15						4				
25.....		44						26				
26.....		231						78				
27.....		35						78				
28.....		6						1				
29.....		12										
30.....		21						20				
31.....		42										
32.....		30						2				
33.....		66						31				
34.....		9						109			5	
35.....		109						60				
36.....		115						21			2	
37.....		77						6			1	
38.....		23										
39.....		15						1				
40.....		18						9				
41.....		39						9				
42.....		7						4				
43.....		36						4				
44.....		82						6				
45.....		10						11			1	
46.....		19						8				
47.....		17						3				
48.....		80						48			1	
49.....		22		5				14			3	
50.....		126						30			5	
51.....		12						1				
52.....												
53.....		11						1				
Total...		3,482			11			2,073			300	

TABLE 7C.—*Distribution of deaths (stillbirths excluded) and population, by vital statistics districts, arranged by streets and alleys, and according to age and race, for the calendar year 1914—Continued.*

Statistical districts.	Alleys.											
	Under 1 year.				1 to 4 years, inclusive.				5 to 14 years, inclusive.			
	White.		Colored.		White.		Colored.		White.		Colored.	
	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.
1.....				1								1
2.....				1								1
3.....				1				1				
4.....				7								
5.....				4								
6.....				4				2				4
7.....				17				5				
8.....				3								1
9.....		1		6		1		2				2
10.....												
11.....				1				1				
12.....				4								1
13.....				1								
14.....				4								
15.....				1								
16.....				2								
17.....												
18.....												
19.....												
20.....												
21.....												
22.....												
23.....												
24.....												
25.....												
26.....												
27.....												
28.....												
29.....												
30.....												
31.....												
32.....												
33.....												
34.....												
35.....												
36.....				2								
37.....								1				
38.....												
39.....												
40.....												
41.....												
42.....												
43.....												
44.....												
45.....												
46.....												
47.....												
48.....								1				
49.....		1		1				1				
50.....				1								
51.....												
52.....												
53.....												
Total.....		2		56		1		14				10

TABLE 7c.—*Distribution of deaths (stillbirths excluded) and population, by vital statistics districts, arranged by streets and alleys, and according to age and race, for the calendar year 1914—Continued.*

Statistical districts.	Alleys.									
	15 to 19 years, inclusive.				20 years and over.				Total.	
	White.		Colored.		White.		Colored.		White.	Colored.
	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.
1.							3			5
2.							16			18
3.							10			12
4.			1				2			3
5.							8			15
6.			1				10			15
7.					1		2		1	2
8.			2				16			28
9.			1				51			74
10.					1		12		1	16
11.					1		27		3	37
12.			1				15			16
13.							1			1
14.			1		1		11		1	14
15.							7			12
16.										
17.							4			5
18.							6			8
19.										
20.							1			1
21.										
22.										
23.										
24.										
25.										
26.										
27.										
28.										
29.										
30.										
31.										
32.										
33.										
34.							5			5
35.										
36.										2
37.										1
38.										
39.										
40.										
41.										
42.										
43.										
44.										
45.							1			1
46.										
47.										
48.										1
49.					4		1		5	3
50.							4			5
51.										
52.										
53.										
Total.....			7		8		213		11	300

TABLE 7d.—Distribution of population and of deaths in alleys, arranged according to vital statistics districts and according to race and age, for the calendar year 1914.

Name of alley, etc.	Under 1 year.				1 to 4 years.				5 to 14 years.				15 to 19 years.				20 years and over.				Total by color.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.	Population.	Deaths.
District 1:																								
Louise Home Alley																								
Phillips Court																								
Ward Alley		1										1												1
District 2:																								
Alexander Court																								
Connors Court																								
Constitution Alley																								
De Sales Row																								
Fussells Court																								
Government Alley																								
K. Street Alley		1																						
Stevens Court																								
Queen Alley																								
Union Court																								
District 3:																								
Beessels Court																								
Columbia Terrace																								
Daly Court																								
Hughes Court																								
Kings Court		1																						
O'Brien Court																								
Snows Court																								
District 4:																								
Bayes Court																								
Bickets Court																								
Wilcox Court																								
District 5:																								
Cedar Court																								
Chester Court																								
Covington Street		3																						
Davidson Court																								
Empire Avenue																								
Union Court		3																						
Valley Street		1																						

Freemans Alley.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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TABLE 7d.—Distribution of population and of deaths in alleys, arranged according to vital statistics districts and according to race and age, for the calendar year 1914—Continued.

Name of alley, etc.	Under 1 year.			1 to 4 years.			5 to 14 years.			15 to 19 years.			20 years and over.			Total by color.		
	White.		Deaths.	Colored.		Deaths.	White.		Deaths.	Colored.		Deaths.	White.		Deaths.	Colored.		Deaths.
	Population.	Deaths.		Population.	Deaths.		Population.	Deaths.		Population.	Deaths.		Population.	Deaths.		Population.	Deaths.	
District 14:																		
Brewers Court.																		1
Douglas Court.																		3
Gordon Avenue.																		3
Groffs Court.		1																2
Hunts Court.																		2
Millers Court.																		2
Schotts Alley.																		2
District 15:																		1
Browns Court.			1															3
Marks Alley.																		2
Murreys Court.			1															2
Navy Place.		2																1
District 17:																		7
Greens Court.																		1
Linden Court.																		1
St. James Court.			1															1
Wylie Court.																		1
District 18:																		3
Gessfords Court.			2															3
Harrison Avenue.																		2
Hope Avenue.																		2
Odd Fellows Hall.																		2
District 20: Fitzhugh Court.																		1
District 34:																		1
Blands Court.																		1
Bryant Court.																		1
College Court.																		1
Pomerooy Court.																		1
Shadd Row.																		1
District 36: Bellevue Court.																		1
District 37: Burrs Row.		2																1
District 45: Champlain Place.																		1

District	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
District 48: Congress Alley																
District 49:																
Brickyard Hill.....																1
Cassals Alley.....																1
Cherry Hill.....																1
Keadys Court.....																1
Alley in square 1186.....																1
District 50:																
Balls Court.....																1
Fowlers Hill.....																2
Marble Court.....																1
Masonic Alley.....																0
Total.....	2	56	1	14	10	7	8	213	11	311						

TABLE 7e.—Deaths in alleys in the District of Columbia from certain contagious and other diseases, arranged according to race and vital statistics districts, for the calendar year 1914.

Name of alley, etc.	Diphtheria.		Scarlet fever.		Typhoid fever.		Whooping cough.		Diarrhea (under 2 years).		Pneumonia.		Bronchitis.		Pulmonary congestion.		Pulmonary tuberculosis.		Total.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
District 1: Phillip's Court.....																			1	1
District 2:		1																		
Alexander Court.....																				
Fussell's Court.....																			3	3
Government Alley.....																			1	1
Steven's Court.....											2								3	3
Union Court.....																			1	1
District 3:																				
Bessel's Court.....																			1	1
Hughes Court.....											1								2	2
King's Court.....		1																	1	1
O'Brien's Court.....																			1	1
District 4:																				
Rickett's Court.....											1								1	1
Wilcox Court.....																			1	1
District 5:																				
Chesler Court.....																				
Compuce Avenue.....										1	1								2	2
Union Court.....										1									2	2
Valley Street.....																			1	1
District 6:																				
Begden's Alley.....																				
Begden's Court.....																			1	1
Naylor's Alley.....											1								3	3
District 7: Marble Hall Alley.....																			2	2
District 8:																				
Carlin's Alley.....											1								1	1
Clark's Court.....																				
Cullinane's Court.....										2									2	2
Dalany's Court.....																			2	2
Grace Court.....																				
Liberty Street.....											1								1	1
Springmann's Alley.....																				
Stafford's Alley.....											1								1	1
District 9:																				
Brook's Court.....																				
Burden's Court.....											1								1	1
Cooksey's Court.....																				
Fenton Place.....											1								2	2
Freeman's Alley.....																			3	3
Hollidge Court.....											1								1	1
King's Court.....																			2	2

[illegible]

TABLE 7f.—*Relative prevalence of certain diseases among the street and alley populations in the District of Columbia since the calendar year 1905.*

WHITE.

Year.	Population.		Diphtheria.				Scarlet fever.				Typhoid fever.			
			Deaths.		Death rates.		Deaths.		Death rates.		Deaths.		Death rates.	
	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.
1905.....	1,739	225,689	2	29	115.0	12.8	7	.....	3.1	1	90	57.5	39.8	.....
1906.....	1,475	231,928	23	.....	.....	9.9	2	.....	9	1	76	67.8	32.8	.....
1907.....	1,618	240,302	15	.....	.....	6.2	8	.....	3.3	.....	88	.....	36.6	.....
1908.....	1,608	244,253	30	.....	.....	12.3	21	.....	8.5	.....	67	.....	24.9	.....
1909.....	1,455	247,206	26	.....	.....	10.5	8	.....	3.2	.....	49	.....	19.8	.....
1910 ¹	1,302	250,158	16	.....	.....	6.4	4	.....	1.6	.....	46	.....	18.4	.....
1911 ¹	1,149	253,111	15	.....	.....	5.9	4	.....	1.6	.....	49	.....	19.3	.....
1912.....	994	254,159	22	.....	.....	8.7	13	.....	5.1	1	34	100.6	13.4	.....
1913.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COLORED.

1905.....	16,659	79,086	2	13	12.0	16.4	2	2	12.0	2.5	7	44	42.0	55.7
1906.....	14,864	81,324	1	6	6.7	7.4	.....	.....	.....	.....	3	34	20.2	41.8
1907.....	14,217	83,266	1	6	7.0	7.2	.....	1	.....	1.2	3	33	21.0	39.6
1908.....	13,682	83,460	3	10	21.9	12.0	.....	5	.....	6.0	4	43	29.2	51.5
1909.....	13,086	84,567	3	.....	.....	3.5	.....	3	.....	3.5	3	29	22.9	34.3
1910 ¹	12,490	85,675	3	.....	.....	3.5	.....	.....	.....	.....	3	25	24.0	29.2
1911 ¹	11,894	86,782	.....	.....	.....	.....	.....	.....	.....	.....	3	26	25.2	29.9
1912.....	10,328	87,816	4	.....	.....	4.5	.....	1	.....	1.1	1	21	9.7	23.9
1913.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WHITE.

Year.	Population.		Whooping cough.				Diarrhea (under 2 years).			
			Deaths.		Death rates.		Deaths.		Death rates.	
	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.
1905.....	1,739	225,689	.....	27	.....	11.9	2	124	115.0	54.9
1906.....	1,475	231,928	1	14	67.8	6.0	6	121	406.8	77.6
1907.....	1,618	240,302	.....	9	.....	3.7	4	154	247.2	64.1
1908.....	1,608	244,253	1	13	62.2	5.3	1	90	62.2	36.8
1909.....	1,455	247,206	.....	9	.....	3.6	.....	120	.....	48.5
1910 ¹	1,302	250,158	.....	15	.....	6.0	3	121	230.4	48.4
1911 ¹	1,149	253,111	1	19	87.0	7.5	2	75	174.0	29.6
1912.....	994	254,159	1	2	100.6	.8	.....	85	.....	33.4
1913.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COLORED.

1905.....	16,659	79,086	18	28	108.0	35.4	57	154	342.2	194.8
1906.....	14,864	81,324	1	17	6.7	20.9	40	158	269.1	218.9
1907.....	14,217	83,266	6	23	42.2	27.6	44	131	306.4	157.3
1908.....	13,682	83,460	3	13	21.9	15.6	44	115	321.6	137.8
1909.....	13,086	84,567	6	20	45.9	23.6	44	136	336.2	160.8
1910 ¹	12,490	85,675	2	11	16.0	12.8	19	114	152.1	123.1
1911 ¹	11,894	86,782	7	37	58.8	46.2	15	95	126.1	100.4
1912.....	10,328	87,816	2	12	19.4	13.7	12	111	116.2	126.4
1913.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Population by alleys and streets estimated for 1910 and 1911.

TABLE 71.—Relative prevalence of certain diseases among the street and alley populations in the District of Columbia since the calendar year 1905—Continued.

WHITE.

Year.	Population.		Pneumonia.				Bronchitis.			
			Deaths.		Death rates.		Deaths.		Death rates.	
	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.
1905.....	1,739	225,689	1	225	57.5	99.7	.....	49	.....	21.7
1906.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1907.....	1,475	231,928	4	227	271.2	97.9	.....	59	.....	25.4
1908.....	1,618	240,302	2	228	123.6	94.9	1	56	61.8	23.3
1909.....	1,608	244,253	5	288	310.9	117.9	1	52	62.2	21.3
1910 ¹	1,455	247,206	4	278	274.9	112.5	1	82	68.7	33.2
1911 ¹	1,302	250,158	.....	278	.....	111.1	.....	49	.....	19.6
1912.....	1,149	253,111	1	250	87.0	98.8	.....	50	.....	19.8
1913.....	994	254,159	2	205	201.2	80.6	.....	58	.....	22.8
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COLORED.

1905.....	16,659	79,036	56	248	336.1	313.7	16	75	96.0	94.9
1906.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1907.....	14,984	81,324	63	245	423.8	301.3	16	72	107.6	88.5
1908.....	14,217	83,266	60	215	422.0	258.2	12	55	84.4	66.1
1909.....	13,682	83,460	60	245	432.8	290.3	11	47	79.3	58.3
1910 ¹	13,086	84,567	70	255	534.9	301.5	12	43	91.7	50.8
1911 ¹	12,490	85,675	47	263	376.3	208.9	3	35	24.0	40.9
1912.....	11,894	86,782	33	241	277.5	277.7	8	37	67.2	42.6
1913.....	10,323	87,816	45	232	435.7	264.2	5	36	43.4	40.9
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WHITE.

Year.	Population.		Pulmonary congestion.				Pulmonary tuberculosis.			
			Deaths.		Death rates.		Deaths.		Death rates.	
	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.	Alleys.	Streets.
1905.....	1,739	225,689	.....	17	.....	7.5	1	352	57.5	115.9
1906.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1907.....	1,475	231,928	.....	37	.....	15.9	3	317	203.4	136.7
1908.....	1,618	240,302	.....	26	.....	10.8	1	300	61.8	124.8
1909.....	1,608	244,253	.....	30	.....	12.3	3	298	186.5	121.2
1910 ¹	1,455	247,206	.....	24	.....	9.7	3	317	206.2	123.2
1911 ¹	1,302	250,158	.....	19	.....	7.6	1	326	76.8	130.3
1912.....	1,149	253,111	.....	22	.....	8.7	2	303	174.0	119.7
1913.....	994	254,159	.....	9	.....	3.5	2	314	201.2	123.5
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COLORED.

1905.....	16,659	79,036	6	17	39.0	21.5	94	379	594.3	479.4
1906.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1907.....	14,864	81,324	1	15	6.7	18.4	85	343	571.9	421.8
1908.....	14,217	83,266	2	15	14.1	18.0	91	319	640.1	383.1
1909.....	13,682	83,460	2	8	14.6	9.6	85	362	621.3	433.7
1910 ¹	13,086	84,567	3	3	22.9	3.5	90	353	697.8	417.4
1911 ¹	12,490	85,675	3	8	24.0	9.3	53	344	424.3	401.5
1912.....	11,894	86,782	.....	9	.....	10.4	79	341	664.2	392.9
1913.....	10,323	87,816	17	12	164.6	136.6	52	309	503.5	351.9
1914.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Population by alleys and streets estimated for 1910 and 1911.

TABLE 8.—*Places of interment or other disposition of remains in the District of Columbia during the calendar year 1914.*

Places of interment.	Persons dying in the District of Columbia.			Persons brought into the District of Columbia.		
	White.	Colored.	Total.	White.	Colored.	Total.
Adas Israel.....	10	.....	10	.....	.....	.....
Above Sholom.....	10	.....	10	.....	.....	.....
Arlington National.....	268	36	304	32	.....	32
Anatomical Board.....	19	77	96	.....	.....	.....
Baptist (Union Burial Society).....	1	77	78	.....	3	3
Congressional.....	495	1	496	55	.....	55
Elesaretgrad.....	10	.....	10	.....	.....	.....
Georgetown Visitation Convent.....	3	.....	3	.....	.....	.....
Glenwood.....	408	.....	408	79	.....	79
Government Hospital for the Insane.....	44	33	77	.....	.....	.....
Harmony.....	1	471	472	.....	25	25
Holy Rood.....	71	13	84	11	1	12
Lee's Crematorium.....	48	.....	48	11	.....	11
Macedonia.....	.....	9	9	.....	.....	.....
Methodist.....	28	.....	28	8	.....	8
Methodist (Tennallytown).....	2	.....	2	2	.....	2
Moore's.....	1	102	103	.....	6	6
Mount Olivet.....	522	159	681	66	9	75
Mount Zion.....	1	175	176	.....	7	7
Municipal Crematorium.....	49	179	228	2	.....	2
National Capital Hebrew.....	20	.....	20	1	.....	1
National Soldiers' Home.....	69	5	74	.....	.....	.....
Oak Hill.....	119	.....	119	41	.....	41
Out of town.....	799	358	1,157	26	10	36
Payne's.....	1	406	407	.....	26	26
Potter's field.....	.....	1	1	.....	.....	.....
Prospect Hill.....	102	.....	102	8	.....	8
Rock Creek.....	286	.....	286	85	.....	85
St. Marys.....	66	.....	66	7	.....	7
Talmud Torah.....	7	.....	7	.....	.....	.....
Washington Hebrew.....	25	.....	25	6	.....	6
Woodlawn.....	8	271	279	1	20	21
Total.....	3,493	2,373	5,866	441	107	548

TABLE 9.—*Estimated population, deaths, and death rate in the District of Columbia, by race and calendar years, from 1896 to 1914.*

Year.	Population.			Deaths.			Death rates.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
1896-1900 ¹	194,517	89,272	283,789	3,238	2,573	5,811	16.65	28.82	20.48
1901-1905 ¹	217,606	93,719	311,325	3,395	2,647	6,042	15.60	28.20	19.41
1906-1910 ¹	240,244	96,696	336,940	3,628	2,678	6,304	15.09	27.69	18.71
1911.....	251,409	98,159	349,568	3,739	2,564	6,303	14.87	26.12	18.03
1912.....	254,260	98,676	352,936	3,606	2,653	6,259	14.18	26.89	17.73
1913.....	255,153	98,144	353,297	3,568	2,438	6,006	13.98	24.84	16.99
1914.....	256,049	97,615	353,664	3,493	2,373	5,866	13.64	24.31	16.59

¹ Annual average for 5-year period.

TABLE 10.—Deaths in the District of Columbia of children under 1 year of age, by sex and color, and by months and years.

Calendar year.	January.						February.						March.					
	White.			Colored.			White.			Colored.			White.			Colored.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1896-1900 ¹	24	19	43	27	23	50	24	17	41	25	23	48	26	18	42	31	25	56
1901-1905 ¹	21	16	37	30	22	52	21	18	39	28	21	49	26	18	42	22	18	40
1906-1910 ¹	19	15	34	22	19	41	21	15	36	21	18	39	25	19	44	30	21	51
1911.....	18	17	35	21	16	37	14	9	23	22	16	38	15	18	33	12	12	24
1912.....	18	20	38	20	17	37	22	12	34	11	17	28	30	17	47	12	17	49
1913.....	20	13	33	14	22	36	21	14	35	20	16	36	19	11	30	21	15	36
1914.....	11	11	22	15	10	25	15	14	29	25	18	43	21	20	41	13	12	25

Calendar year.	April.						May.						June.					
	White.			Colored.			White.			Colored.			White.			Colored.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1896-1900 ¹	18	14	32	24	24	48	20	13	33	24	21	45	41	29	70	49	46	115
1901-1905 ¹	17	14	31	23	18	41	18	13	31	16	19	35	30	19	49	44	30	74
1906-1910 ¹	20	15	35	19	19	38	16	13	29	19	15	34	24	21	45	39	32	71
1911.....	22	16	38	15	15	30	23	10	33	17	12	29	14	13	27	18	7	25
1912.....	25	13	38	25	22	47	12	9	21	15	15	30	20	6	26	22	18	40
1913.....	16	14	30	14	12	26	14	8	22	14	9	23	18	17	35	35	19	54
1914.....	16	7	23	11	15	26	9	9	18	20	11	31	11	7	18	17	12	29

Calendar year.	July.						August.						September.					
	White.			Colored.			White.			Colored.			White.			Colored.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1896-1900 ¹	54	46	100	60	58	118	35	28	63	44	31	75	24	26	50	36	32	68
1901-1905 ¹	52	40	92	56	55	111	33	22	55	39	35	74	22	19	41	25	23	48
1906-1910 ¹	47	33	80	46	45	91	36	29	65	32	29	61	27	19	46	24	21	45
1911.....	50	39	89	34	44	78	40	27	67	27	30	57	17	22	39	24	15	39
1912.....	33	18	51	32	35	67	22	18	40	32	22	54	27	11	38	18	19	37
1913.....	33	24	57	26	24	50	18	13	31	22	12	34	19	16	35	21	21	42
1914.....	21	14	35	22	16	38	23	13	36	22	18	40	20	19	39	20	11	31

Calendar year.	October.						November.						December.					
	White.			Colored.			White.			Colored.			White.			Colored.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1896-1900 ¹	25	21	46	26	20	46	20	18	38	22	18	40	21	15	36	27	18	45
1901-1905 ¹	22	17	39	27	20	47	19	14	33	18	15	33	15	12	27	24	22	46
1906-1910 ¹	21	17	38	25	18	43	20	14	34	20	20	40	21	13	34	22	16	38
1911.....	18	19	37	26	18	44	22	10	32	17	20	37	23	14	37	13	16	29
1912.....	19	11	30	21	20	41	21	14	35	17	13	30	16	13	29	20	12	32
1913.....	15	13	28	15	13	28	13	17	30	14	20	34	22	12	34	16	13	29
1914.....	9	16	25	16	12	28	18	11	29	20	9	29	17	11	28	11	16	27

¹ Annual average for 5-year period.

TABLE 10.—Deaths in the District of Columbia of children under 1 year of age, by sex and color, and by months and years—Continued.

SUMMARY.

Calendar year.	White.		Colored.		Grand total.		
	M.	F.	M.	F.	W.	C.	Total.
1896-1900 ¹	334	260	393	339	594	732	1,326
1901-1905 ¹	297	218	353	297	515	650	1,165
1906-1910 ¹	297	225	319	273	522	592	1,114
1911.....	276	214	246	221	490	467	957
1912.....	265	162	245	227	427	272	899
1913.....	228	172	232	196	400	428	828
1914.....	191	152	212	160	343	372	715

¹ Annual average for 5-year period.

TABLE 11.—Deaths in the District of Columbia, by race, under 5 years of age.

Calendar year.	White.	Colored.	Total.
1896-1900 ¹	316	1,031	1,347
1901-1905 ¹	687	896	1,583
1906-1910 ¹	685	792	1,477
1911.....	643	659	1,302
1912.....	536	644	1,180
1913.....	550	580	1,130
1914.....	438	492	930

¹ Annual average for 5-year period.

TABLE 12.—Births, decedents under 1 year, and death rates based on reported births, for the years during and since the calendar year 1896.

Years.	White.			Colored.			All.		
	Births.	Deaths under 1 year.	Deaths per 1,000 reported births.	Births.	Deaths under 1 year.	Deaths per 1,000 reported births.	Births.	Deaths under 1 year.	Deaths per 1,000 reported births.
1896-1900 ¹	2,798	594	212	1,871	732	391	4,669	1,326	283
1901-1905 ¹	3,429	515	150	1,980	650	325	5,409	1,165	215
1906-1910 ¹	4,632	522	113	2,268	592	261	6,900	1,114	161
1911.....	4,772	490	103	2,260	467	207	7,032	957	136
1912.....	4,734	427	90	2,273	472	208	7,007	899	128
1913.....	4,667	400	86	2,236	428	191	6,903	828	120
1914.....	4,925	343	70	2,205	372	169	7,130	715	100

¹ Annual average for 5-year period.

TABLE 12a.—Deaths of infants in the District of Columbia under 1 year of age, stillbirths and live births, during the calendar year 1914, arranged by race and according to statistical districts.

Districts.	Registered live births.			Deaths under 1 year.			Infant death rate based on registered births.			Stillbirths.				Percentage of stillbirths to total live and stillbirths of the same class.		
	White.	Colored.	All.	White.	Colored.	All.	White.	Colored.	All.	White.	Colored.	Un- known.	All.	White.	Colored.	All.
1.....	165	81	246	11	16	27	66.6	197.5	109.8	7	12	3	22	4.07	12.90	8.21
2.....	100	153	253	8	14	22	80.0	91.5	87.0	4	15	3	22	8.85	8.93	8.00
3.....	117	52	169	24	35	59	20.5	134.1	176.0	3	3	.....	6	2.50	2.53	2.93
4.....	4	35	39	1	5	6	250.0	142.9	168.8	1	1	.....	4	20.00	42.85	10.26
5.....	116	177	293	16	26	42	137.9	146.9	148.3	1	3	.....	21	2.52	8.29	6.69
6.....	148	72	220	18	18	36	121.6	250.0	163.6	13	16	2	3	8.07	4.00	7.95
7.....	83	10	92	8	1	9	97.6	100.0	97.8	5	1	3	8	5.75	9.09	8.00
8.....	299	45	344	21	8	29	70.2	177.8	84.3	8	4	3	15	2.61	8.16	4.18
9.....	267	264	531	21	64	85	78.7	242.4	160.1	9	35	3	47	3.67	7.69	4.64
10.....	236	72	308	13	16	29	55.1	222.2	94.2	9	6	.....	15	1.88	13.33	9.83
11.....	52	104	156	2	17	19	38.5	163.5	121.8	1	16	.....	17	7.84	12.84	12.35
12.....	47	95	142	2	8	10	42.6	84.2	70.1	4	14	2	20	4.13	18.42	8.13
13.....	116	31	147	5	8	13	43.1	253.0	88.4	5	7	1	13	2.94	11.11	4.17
14.....	297	48	345	12	6	18	40.4	125.0	52.2	5	6	.....	15	6.73	.....	5.46
15.....	180	45	225	10	8	18	55.6	177.8	80.0	4	.....	.....	13	3.01	10.91	14.01
16.....	129	49	178	10	10	20	77.5	204.1	112.4	4	7	1	29	1.34	8.33	3.13
17.....	294	77	371	14	12	26	47.6	155.8	70.0	9	7	.....	16	3.96	13.73	5.76
18.....	218	44	262	12	4	16	55.0	90.9	61.1	9	3	1	6	1.98	8.82	4.41
19.....	99	31	130	8	7	15	80.8	225.8	115.4	2	2	.....	3	2.63	9.09	5.00
20.....	74	40	114	6	6	12	81.1	150.0	105.3	1	2	.....	3	5.26	4.08	4.41
21.....	18	47	65	3	10	13	166.6	212.8	200.0	1	2	.....	3	.....	5.26	8.69
22.....	3	18	21	.....	4	4	.....	222.2	180.4	.....	1	1	2	.....	.....	.....
23.....	11	5	16	3	.....	3	88.2	.....	88.2	1	.....	.....	2	2.94	100.00	5.56
24.....	34	.....	34	9	3	12	103.4	66.8	92.3	3	2	.....	6	3.33	4.44	4.41
25.....	87	43	130	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26.....	47	52	99	2	11	13	42.5	211.5	131.0	3	.....	.....	3	6.00	.....	2.94
27.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28.....	27	.....	27	3	.....	3	111.1	.....	111.1	1	.....	.....	1	3.57	.....	3.57
29.....	57	29	86	5	8	13	87.7	275.9	151.0	1	1	1	3	1.72	3.33	1.12
30.....	91	5	96	8	.....	8	85.1	.....	80.8	3	.....	.....	3	8.09	.....	2.94
31.....	94	.....	94	.....	.....	.....	.....	.....	34.1	2	.....	.....	3	2.35	16.67	3.30
32.....	83	5	88	3	.....	3	36.1	.....	79.8	2	1	.....	3	1.49	3.12	1.81
33.....	132	31	163	6	7	13	45.5	225.8	37.0	2	.....	.....	3	2.56	8.61	7.85
34.....	38	138	176	3	16	19	75.9	115.9	108.0	1	13	1	15	4.29	6.17	6.02
35.....	156	76	232	8	16	24	51.3	210.5	103.4	7	5	2	14	1.90	12.24	3.53
36.....	258	43	301	15	4	19	58.2	93.0	63.1	5	6	.....	11	.....	.....	.....

17 cases found at the sewer pumping station.

TABLE 12a.—Deaths of infants in the District of Columbia under 1 year of age, stillbirths and live births, during the calendar year 1914, arranged by race and according to statistical districts—Continued.

Districts.	Registered live births.			Deaths under 1 year.			Infant death rate based on registered births.			Stillbirths.			Percentage of stillbirths to total live and stillbirths of the same class.		
	White.	Colored.	All.	White.	Colored.	All.	White.	Colored.	All.	White.	Colored.	All.	White.	Colored.	All.
37.	17	2	19	1	.....	1	53.8	.....	52.6	2	3	5	10.52	60.00	20.83
38.	61	.....	61	4	.....	4	65.6	.....	65.6	1	.....	1	1.61	.....	1.61
39.	43	.....	43	3	.....	3	69.8	.....	93.0	2	.....	3	4.44	100.00	6.53
40.	32	8	40	2	2	4	62.5	250.0	100.0	.....	.....	.....	.....	.....	.....
41.	55	6	60	2	.....	2	36.4	.....	33.3	1	1	2	1.79	18.67	3.23
42.	18	2	20	.....	.....	.....	.....	.....	50.0	.....	.....	.....	.....	.....	.....
43.	73	4	77	2	1	3	29.0	500.0	50.0	.....	.....	.....	.....	.....	.....
44.	69	8	77	4	1	5	42.6	500.0	78.4	4	.....	4	5.43	.....	5.19
45.	94	8	102	2	3	5	95.2	157.9	123.0	1	1	2	4.08	.....	3.77
46.	21	19	40	1	2	3	16.1	142.9	40.0	.....	.....	.....	3.55	5.00	4.76
47.	61	14	75	3	2	5	100.0	.....	84.8	.....	.....	.....	.....	6.67	2.60
48.	80	1	81	3	.....	3	56.8	194.2	95.2	3	3	2	6.25	7.32	6.08
49.	88	38	126	5	7	12	131.6	230.0	152.2	3	.....	2	3.30	20.00	4.55
50.	33	8	41	5	2	7	86.6	63.8	81.9	1	2	4	2.56	7.84	8.00
51.	185	47	232	16	3	19	95.2	500.0	180.4	12	4	16	6.09	.....	6.46
52.	21	2	23	2	1	3	.....	.....	.....	1	.....	1	4.55	.....	4.17
53.	.....	.....	.....	.....	.....	.....	.....	.....	400.0	.....	.....	.....	.....	.....	.....
Total.	4,925	2,205	7,130	343	372	715	69.6	168.7	100.3	179	217	51	3.51	8.96	5.89

TABLE 13.—Deaths, stillbirths excluded, and death rates in the District of Columbia, by race and by months, from 1896 to 1914, inclusive.

Calendar year.	January.					February.					March.				
	White.		Colored.		rate per 100,000 total population.	White.		Colored.		rate per 100,000 total population.	White.		Colored.		rate per 100,000 total population.
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	
1896-1900 ¹ ...	296	152	206	231	176	274	141	207	232	169	291	149	221	247	180
1901-1905 ¹ ...	323	148	251	268	184	307	141	228	243	171	332	152	226	241	179
1906-1910 ¹ ...	338	140	237	245	170	325	135	224	231	163	343	142	257	264	178
1911.....	355	141	230	234	167	323	128	212	215	153	370	147	215	219	167
1912.....	365	144	229	232	168	356	140	211	214	160	358	141	248	251	171
1913.....	311	122	226	230	152	345	135	222	226	160	340	133	216	220	157
1914.....	353	138	208	213	159	310	121	219	224	150	368	144	245	251	178

Calendar year.	April.					May.					June.				
	White.		Colored.		rate per 100,000 total population.	White.		Colored.		rate per 100,000 total population.	White.		Colored.		rate per 100,000 total population.
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	
1896-1900 ¹ ...	258	133	210	235	165	232	119	188	210	148	249	128	231	258	169
1901-1905 ¹ ...	287	132	217	231	162	251	115	201	214	145	253	116	231	246	155
1906-1910 ¹ ...	314	131	228	235	161	282	117	206	213	145	280	116	223	230	149
1911.....	330	131	221	225	158	301	119	205	208	145	261	103	176	179	125
1912.....	324	127	231	234	157	257	101	232	235	138	254	100	192	195	126
1913.....	321	126	209	213	150	306	120	190	203	143	287	112	210	214	140
1914.....	296	116	233	239	150	297	116	179	183	135	247	96	182	186	121

Calendar year.	July.					August.					September.				
	White.		Colored.		rate per 100,000 total population.	White.		Colored.		rate per 100,000 total population.	White.		Colored.		rate per 100,000 total population.
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	
1896-1900 ¹ ...	347	178	248	278	210	267	137	231	258	175	237	122	214	240	159
1901-1905 ¹ ...	314	144	282	300	191	253	116	227	242	154	237	109	186	198	136
1906-1910 ¹ ...	322	134	268	277	175	267	111	216	223	143	264	110	194	201	138
1911.....	366	146	252	257	177	265	105	210	214	137	255	101	190	193	127
1912.....	270	106	254	257	148	284	112	233	236	146	235	92	185	187	118
1913.....	303	119	218	222	147	245	96	177	180	119	262	103	178	181	125
1914.....	260	102	191	196	128	239	93	190	195	121	258	101	186	191	126

¹ Annual average for 5-year period.

TABLE 13.—Deaths, stillbirths excluded, and death rates in the District of Columbia, by race and by months, from 1896 to 1914, inclusive—Continued.

Calendar year.	October.					November.					December.				
	White.		Colored.		Monthly death rate per 100,000 population.	White.		Colored.		Monthly death rate per 100,000 population.	White.		Colored.		Monthly death rate per 100,000 population.
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.		Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	
1896-1900 ¹	262	135	199	223	162	258	133	178	199	154	288	148	201	225	172
1901-1905 ¹	270	124	198	211	150	271	125	185	197	146	297	136	217	231	165
1906-1910 ¹	278	116	205	212	143	280	117	196	203	141	334	139	224	232	166
1911.....	301	119	237	241	154	284	117	211	215	144	318	126	205	209	150
1912.....	294	116	229	232	148	278	109	202	205	136	331	130	207	210	152
1913.....	280	102	189	192	127	287	112	211	215	141	301	118	183	187	137
1914.....	246	96	179	183	120	306	120	183	187	138	313	122	178	182	139

¹ Annual average for 5-year period.

TABLE 14.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below.

Year.	1 Aneurism.						2 Angina pectoris.						3 Apoplexy.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	4	3	7	2.0	3.4	2.5	15	3	18	7.7	3.4	6.3	154	91	245	79.2	101.9	86.3
1901-1905 ¹	4	3	7	1.8	3.2	2.2	18	4	22	8.3	4.3	7.1	177	91	268	81.3	97.1	86.8
1906-1910 ¹	6	7	13	2.5	7.2	3.8	15	4	19	6.2	4.1	5.6	216	111	327	90.0	114.8	97.8
1911.....	8	4	12	3.2	4.1	3.4	21	2	23	8.3	2.0	6.5	261	143	404	103.8	145.6	115.5
1912.....	8	9	17	3.1	9.1	4.8	19	8	27	7.5	8.1	7.6	265	134	399	104.2	135.8	113.1
1913.....	2	12	14	8.1	22.4	4.0	15	5	20	5.9	5.1	5.6	251	134	385	98.3	136.5	108.9
1914.....	7	6	13	2.7	6.1	3.7	19	4	23	7.4	4.1	6.5	283	136	419	110.5	139.3	118.5

Year.	4 Arteriosclerosis.						5 Bright's disease.						6 Cirrhosis of liver.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	3	1	4	1.5	1.1	1.5	176	98	274	90.5	109.8	96.9	18	7	25	9.3	7.8	8.8
1901-1905 ¹	29	6	35	13.3	6.4	11.2	233	127	360	107.1	135.5	115.6	27	7	34	12.4	7.5	10.9
1906-1910 ¹	71	13	84	29.5	13.4	24.9	253	159	412	117.8	164.5	131.2	33	10	43	13.7	10.3	12.8
1911.....	85	19	104	33.8	19.3	29.7	337	188	525	134.0	191.5	150.2	40	4	44	15.9	4.1	12.6
1912.....	82	23	105	32.2	23.3	29.7	322	182	504	126.5	184.5	142.8	33	6	39	13.0	6.1	11.0
1913.....	86	8	94	33.7	8.2	26.6	321	168	489	125.8	171.2	138.4	27	10	37	10.6	10.2	10.5
1914.....	116	27	143	45.3	27.7	40.4	363	225	588	141.7	230.5	166.2	30	11	41	11.7	11.3	11.6

¹ Annual average for 5-year period.

TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

Year.	7 Diabetes.						8 Diarrhea and enteritis (under 2 years).						9 Diarrhea and enteritis (2 years and over).					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	14	2	16	7.2	2.2	5.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1901-1905 ¹	27	4	31	12.4	4.3	9.9	126	197	323	57.9	210.2	103.8	56	26	82	25.7	27.7	26.3
1906-1910 ¹	37	4	41	15.4	4.1	12.2	128	177	305	53.3	183.1	90.5	50	22	72	20.8	22.7	21.4
1911.....	46	4	50	18.3	4.1	14.3	124	133	257	49.3	135.5	73.5	50	20	70	19.9	20.4	20.0
1912.....	40	5	45	15.7	5.1	12.8	77	110	187	30.3	111.5	53.0	44	19	63	17.3	19.3	17.8
1913.....	46	13	59	18.0	13.3	16.7	85	123	208	33.3	125.4	58.9	45	23	68	17.6	23.4	19.2
1914.....	58	6	64	22.6	6.1	18.1	48	94	142	18.7	96.3	40.1	37	20	57	14.5	20.5	16.1

Year.	10 Diphtheria.											
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	93	52	145	48	58	51	.....	.....	.....	.....	.....	.....
1901-1905 ¹	37	17	54	17	18	17	.....	.....	.....	.....	.....	.....
1906-1910 ¹	24	8	32	10	8	10	391	61	452	6.1	13.1	7.1
1911.....	16	3	19	6	3	5	428	90	518	3.7	3.3	3.7
1912.....	15	.....	15	6	0	4	308	85	393	4.9	.....	3.8
1913.....	22	4	26	9	4	7	451	79	530	4.9	5.1	4.9
1914.....	24	7	31	9	7	9	367	85	452	6.5	8.2	6.9

Year.	11 Diseases of the heart.						12 Dysentery.						13 Epilepsy.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	250	189	439	128.5	211.7	154.7	18	13	31	9.3	14.6	10.9	16	10	26	8.2	11.2	9.2
1901-1905 ¹	277	216	493	127.3	230.5	158.4	13	10	23	6.0	10.7	7.4	14	10	24	6.4	10.7	7.7
1906-1910 ¹	332	236	568	138.3	244.1	168.6	7	9	16	2.9	9.3	4.7	13	9	22	5.4	9.3	6.5
1911.....	393	266	659	156.3	271.0	188.5	5	6	11	1.9	6.1	3.1	6	13	19	2.4	13.2	5.4
1912.....	474	312	786	186.4	316.2	222.7	5	4	9	2.0	4.1	2.5	10	13	22	3.9	13.1	6.5
1913.....	459	277	736	179.9	282.3	208.2	3	3	6	1.2	3.1	1.7	17	13	30	6.7	13.3	8.5
1914.....	430	227	657	167.9	232.6	185.8	4	1	5	1.6	1.0	1.4	10	10	20	3.9	10.3	5.6

Year.	14 Gastritis.						15 Grippe.						16 Insanity.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	24	10	34	12.3	11.2	12.0	32	4	36	16.5	4.5	12.7	43	12	55	22.1	13.4	19.4
1901-1905 ¹	44	24	68	20.2	25.1	21.8	51	38	89	23.4	40.5	28.6	27	8	35	12.4	8.5	11.2
1906-1910 ¹	41	32	73	17.1	33.1	21.7	52	44	96	21.6	45.5	28.5	25	11	36	10.4	11.4	10.7
1911.....	34	34	68	13.5	34.6	19.5	41	26	67	16.3	26.5	19.1	34	15	49	13.5	31.5	14.0
1912.....	31	31	62	12.1	31.4	17.5	28	34	62	11.0	34.4	17.5	36	12	48	14.1	11.2	13.6
1913.....	23	33	56	9.0	33.6	15.8	30	19	49	11.8	19.4	13.8	40	20	60	15.6	20.4	17.0
1914.....	25	23	48	9.8	23.6	13.5	34	31	65	13.2	23.1	18.3	58	29	87	22.6	29.7	24.6

¹ Annual average for 5-year period.

TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

Year.	17 Malarial fevers.						18 Malignant growths.						19 Meningitis, epidemic cere- brospinal.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	30	16	46	15.4	17.9	16.2	120	54	174	61.7	60.5	61.3	16	16	32	8.2	17.9	11.3
1901-1905 ¹	12	11	23	5.5	11.7	7.4	166	52	218	76.3	55.5	70.0	6	4	10	2.8	4.3	3.2
1906-1910 ¹	5	6	11	2.1	6.2	3.2	212	64	276	88.3	66.2	81.9	9	7	16	3.7	7.2	4.7
1911.....	.....	.....	.....	.....	.....	.....	215	71	286	85.5	72.3	81.8	4	.....	4	1.5	.....	1.2
1912.....	2	2	4	.8	2.0	1.1	245	78	323	96.3	79.1	91.5	4	.....	4	1.6	.....	1.1
1913.....	5	3	8	2.0	3.1	2.3	278	73	351	109.0	74.0	99.0	2	1	3	.8	1.0	.8
1914.....	3	.....	3	1.2	.....	.8	259	85	344	101.1	86.9	97.8	2	3	5	.8	3.1	1.4

Year.	20 Measles.									21 Pneumonia, all forms.								
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	16	15	31	8	17	11.0	.....	.....	.....	.....	.....	.....	222	252	474	114.1	282.2	167.0
1901-1905 ¹	10	5	15	5	5	5.0	.....	.....	.....	.....	.....	.....	219	288	507	100.6	307.3	162.9
1906-1910 ¹	10	5	15	4	5	4.0	.....	.....	.....	.....	.....	.....	246	304	550	102.5	314.0	163.2
1911.....	16	6	22	6	6	6.0	2,813	635	3,448	0.6	0.9	0.6	278	310	588	110.5	515.7	168.2
1912.....	4	3	7	2	3	2.0	1,146	492	1,638	.3	.6	.4	251	274	525	96.7	277.7	148.7
1913.....	18	6	24	7	6	7.0	4,749	964	5,713	.4	.6	.4	207	277	484	81.1	282.2	137.0
1914.....	.....	1	1	.....	1	.3	673	274	947	.....	.4	.1	242	226	468	94.4	231.5	132.3

Year.	22 Pulmonary tuberculosis.											
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	373	441	814	192	494	287	.....	.....	.....	.....	.....	.....
1901-1905 ¹	350	437	787	161	466	253	.....	.....	.....	.....	.....	.....
1906-1910 ¹	314	435	749	131	450	222	.....	.....	.....	.....	.....	.....
1911.....	327	397	724	130	404	207	538	617	1,155	60.8	64.3	62.6
1912.....	305	420	725	120	426	206	645	582	1,127	55.9	72.2	63.8
1913.....	316	361	677	124	368	192	661	547	1,108	56.4	66.1	61.1
1914.....	280	351	631	102	360	173	604	482	986	51.6	72.8	62.0

¹ Annual average for 5-year period.

TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

Year.	23 Rheumatism, acute and chronic.						24 Rabies.						25 Softening of the brain.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	17	6	23	8.7	6.7	8.1	1	....	1	....	....	....	10	4	14	5.1	4.5	4.9
1901-1905 ¹	25	10	35	11.8	10.6	11.2	....	....	....	....	....	....	12	6	18	5.5	6.4	5.7
1906-1910 ¹	20	11	31	8.3	11.4	9.2	....	....	....	....	....	....	15	6	21	8.7	6.2	6.2
1911.....	17	8	25	6.7	8.1	7.1	....	1	1	....	1.0	0.3	10	1	11	3.9	1.0	3.1
1912.....	13	8	21	5.1	8.1	5.9	....	....	....	....	....	....	11	5	16	4.3	5.1	4.5
1913.....	13	10	23	5.1	10.2	6.5	1	....	1	0.4	....	3	3	....	3	1.2	....	.8
1914.....	22	11	33	8.6	11.2	9.2	1	....	1	.4	....	.3	4	4	8	1.5	4.1	2.3

Year.	26. Scarlet fever.											
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	11	2	13	6.0	2	5.0	....	....	....	....	....	....
1901-1905 ¹	7	1	8	3.0	1	3.0	....	....	....	....	....	....
1906-1910 ¹	9	2	11	4.0	2	3.0	490	46	536	1.9	4.3	2.1
1911.....	4	....	4	2.0	....	1.0	250	21	271	1.6	....	1.5
1912.....	4	....	4	2.0	....	1.0	234	25	259	1.7	....	1.5
1913.....	13	1	14	5.0	1	4.0	503	53	556	2.6	1.9	2.5
1914.....	1	....	1	.4	....	.3	294	17	311	.3	....	.3

Year.	27. Smallpox.											
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	1.0	....	1.0	0.5	....	0.3	....	....	....	....	....	....
1901-1905 ¹	1.0	2.0	3.0	.5	2.1	1.0	....	....	....	....	....	....
1906-1910 ¹.....	.4	.4	.8	.2	.4	.2	28	53	81	....	....	....
1911.....	....	....	....	....	....	....	23	13	36	....	....	....
1912.....	....	....	....	....	....	....	2	7	9	....	....	....
1913.....	....	....	....	....	....	....	11	129	140	....	....	....
1914.....	....	....	....	....	....	....	53	97	150	....	....	....

Year.	28. Suicides.						29. Steam-railroad accidents.						30. Street-railroad accidents.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	33	5	38	16.9	5.6	13.3	14	3	17	7.2	3.4	6.0	5	2	7	2.6	2.2	2.5
1901-1905 ¹	46	5	51	21.1	5.3	16.4	18	6	24	8.3	6.4	7.7	6	2	8	2.8	2.1	2.6
1906-1910 ¹	62	9	71	25.8	9.3	21.1	18	7	25	7.5	7.2	7.4	11	4	15	4.6	4.1	4.4
1911.....	78	11	89	31.0	11.2	25.5	3	2	5	1.1	2.0	1.4	11	6	17	4.3	6.1	4.9
1912.....	80	9	89	31.6	9.2	25.1	13	2	15	5.1	2.0	4.2	16	3	19	6.2	3.0	5.3
1913.....	64	8	72	25.1	8.1	20.5	7	2	9	2.7	2.0	2.5	9	1	10	3.5	1.0	2.8
1914.....	59	8	67	22.7	8.1	18.9	5	2	7	2.0	2.1	2.0	13	4	17	5.1	4.1	4.8

¹ Annual average for 5-year period.

TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

Year.	31. Typhoid fever.											
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	96	75	171	49	84	60	.....	.....	.....	.....	.....	.....
1901-1905 ¹	99	64	163	45	68	52	.....	.....	.....	.....	.....	.....
1906-1910 ¹	73	46	119	30	48	35	660	237	897	11.1	19.3	13.3
1911.....	46	28	74	18	29	21	491	168	659	9.4	16.7	11.2
1912.....	49	29	78	19	29	22	400	185	585	12.3	15.6	13.3
1913.....	35	22	57	14	22	16	346	115	461	10.1	19.1	12.3
1914.....	17	28	45	7	29	13	230	109	339	7.4	25.6	13.3

Year.	32. Whooping cough.											
	Deaths.			Death rates per 100,000.			Cases.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1896-1900 ¹	21	35	56	11	39	20	.....	.....	.....	.....	.....	.....
1901-1905 ¹	27	50	77	12	53	25	.....	.....	.....	.....	.....	.....
1906-1910 ¹	15	23	38	6	24	11	.....	.....	.....	.....	.....	.....
1911.....	15	13	28	6	13	8	462	139	601	3.2	9.4	4.6
1912.....	20	44	64	8	45	18	1,088	390	1,478	1.8	11.3	4.3
1913.....	3	14	17	1	14	5	162	157	319	1.9	8.9	5.3
1914.....	5	13	18	2	13	5	424	113	537	1.2	11.5	3.4

¹ Annual average for 5-year period.TABLE 15.—*Deaths in the District of Columbia from cancers and other malignant tumors, by race and sex, for the years mentioned below.*

Calendar year.	White.		Colored.		Total.		
	Male.	Female.	Male.	Female.	Male.	Female.	Grand total.
1896-1900 ¹	43	77	19	36	62	113	175
1901-1905 ¹	61	105	14	39	75	144	219
1906-1910 ¹	88	124	17	47	105	171	276
1911.....	83	132	25	46	108	178	286
1912.....	99	146	28	50	127	196	323
1913.....	114	164	23	50	137	214	351
1914.....	103	156	32	53	135	209	344

¹ Annual average for 5-year period.

TABLE 16.—Deaths in the District of Columbia from cancers and other malignant growths, arranged with reference to sex, marital relations, age, and organs involved during the calendar year 1914.

Location.	Total.	White.		Colored.		Marital relation.			Under 5 years.	5 to 9 years.	10 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 to 89 years.	90 years and over.
		Male.	Female.	Male.	Female.	Single.	Married or widowed.	Unknown.											
Head, face, neck, etc.:																			
Antrum of Highmore	2	—	2	—	—	—	2	—	—	—	—	—	—	—	1	1	—	—	—
Brain	1	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—
Cheek	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—
Jaw	5	—	—	3	1	2	3	—	—	—	—	1	—	3	—	1	—	—	—
Larynx	4	3	—	1	—	—	4	—	—	—	—	—	—	1	—	2	—	—	—
Lip	2	2	—	—	—	1	1	—	—	—	—	—	—	—	2	—	—	—	—
Mouth	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Neck	6	3	3	—	—	2	4	—	—	—	—	—	—	1	3	1	1	—	—
Nose and face	9	6	3	—	—	3	6	—	—	—	—	—	—	1	—	4	2	—	—
Orbit	1	1	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—
Scalp	2	—	2	—	—	—	2	—	—	—	—	—	—	—	—	1	1	—	—
Throat	2	2	—	—	—	1	1	—	—	—	—	—	—	2	—	—	—	—	—
Tongue	4	3	1	—	—	2	2	—	—	—	—	—	—	—	1	2	1	—	—
Tonsil	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—
Digestive system:																			
Intestines	42	5	28	5	4	9	33	1	—	—	3	2	14	6	9	6	1	—	—
Liver	50	20	17	7	6	10	39	1	—	—	1	6	9	8	15	10	1	—	—
Esophagus	3	3	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Pancreas	6	2	3	—	1	4	2	—	—	—	2	—	2	—	—	—	—	—	—
Stomach	61	20	20	10	11	7	54	—	—	—	—	3	5	21	16	15	1	—	—
Female genitals:																			
Breast	31	—	25	—	6	5	26	—	—	—	1	5	6	6	6	6	1	—	—
Ovary	5	—	4	—	1	—	5	—	—	—	—	—	—	—	—	—	—	—	—
Uterus	48	—	28	—	20	5	43	—	—	—	1	6	11	17	9	4	—	—	—
Unclassified:																			
Abdomen	4	—	4	—	—	1	3	—	—	—	—	1	—	1	—	—	2	—	—
Bladder	13	9	4	—	—	3	10	—	—	—	1	—	2	—	5	3	2	—	—
Breast	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Foot	1	1	—	1	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—
Generalized	1	—	1	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—
Groin	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Kidney	6	3	2	1	—	2	4	—	1	1	—	—	—	1	2	2	—	—	—
Leg	4	2	2	—	—	1	3	—	—	1	—	—	—	1	1	—	—	—	—
Lung	1	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—
Mesentery	3	1	2	—	—	—	3	—	—	—	—	—	—	—	1	1	—	—	—
Pelvis	2	1	1	—	—	—	2	—	—	—	—	—	—	—	—	2	—	—	—
Penis	2	1	—	1	—	—	2	—	—	—	—	—	—	—	1	1	—	—	—
Pleura	1	1	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—
Prostate	11	8	—	3	—	3	8	—	—	—	—	1	—	2	2	4	2	—	—
Shoulder	2	1	—	—	1	—	2	—	—	—	—	—	—	1	—	1	—	—	—
Spleen	1	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Thigh	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Ureter	1	1	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—
Viscera	1	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Total	344	103	156	32	53	63	280	1	2	1	1	9	26	60	79	82	69	15	—

TABLE 17.—Reported cases and deaths in the District of Columbia from pulmonary tuberculosis, by race and by months and years.

Year.	January.				February.				March.				April.			
	Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
1896-1900 ¹	—	—	34	33	—	—	29	38	—	—	32	38	—	—	36	40
1901-1905 ¹	—	—	33	43	—	—	31	41	—	—	35	38	—	—	36	42
1906-1910 ¹	—	—	28	40	—	—	32	35	—	—	32	45	—	—	30	44
1911	40	53	21	40	60	40	30	31	55	63	37	26	44	52	29	36
1912	52	46	30	35	41	51	27	34	62	67	26	49	52	51	32	32
1913	53	72	19	34	43	58	24	40	43	48	37	40	64	54	34	26
1914	37	38	29	23	37	31	18	34	48	52	27	41	40	39	18	27

¹ Annual average for 5-year period.

TABLE 17.—*Reported cases and deaths in the District of Columbia from pulmonary tuberculosis, by race and by months and years—Continued.*

Year.	May.				June.				July.				August.			
	Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
1896-1900 ¹			31	36			27	33			33	37			28	37
1901-1905 ¹			29	37			31	36			23	35			27	37
1906-1910 ¹			25	36			24	29			21	34			25	28
1911	61	56	28	30	46	56	26	32	53	62	29	40	36	40	26	26
1912	44	65	31	43	41	57	21	44	56	43	25	43	40	40	20	27
1913	44	53	32	40	49	52	26	30	69	51	23	30	38	36	20	34
1914	43	37	22	28	38	41	23	25	50	54	33	28	37	32	22	30

Year.	September.				October.				November.				December.			
	Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
1896-1900 ¹			26	36			33	37			31	35			34	41
1901-1905 ¹			25	29			27	32			30	32			27	36
1906-1910 ¹			24	35			25	35			19	35			29	38
1911	36	55	26	30	34	43	27	37	39	46	23	35	34	51	25	34
1912	36	47	18	20	45	40	23	29	41	35	26	29	35	35	26	25
1913	40	35	23	24	39	33	16	25	50	36	24	25	29	19	31	13
1914	52	47	16	22	44	32	15	31	36	37	25	25	42	42	12	37

SUMMARY.

Year.	Cases.		Deaths.		Total.	
	White.	Colored.	White.	Colored.	Cases.	Deaths.
1896-1900 ¹			374	441		815
1901-1905 ¹			354	438		792
1906-1910 ¹			314	434		748
1911	538	617	327	397	1,155	724
1912	545	582	305	420	1,127	725
1913	561	547	309	361	1,108	670
1914	504	482	280	351	986	611

¹ Annual average for 5-year period.TABLE 18.—*Population and deaths, by race, in the District of Columbia from pneumonia, bronchitis, and congestion of the lungs, and from said diseases taken together, and showing also the death rate per 100,000 of each of such classes of deaths.*

Calendar year.	Population.		Pneumonia.				Bronchitis.			
			White.		Colored.		White.		Colored.	
	White	Colored.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.
1896-1900 ¹	194,517	89,272	222	114	252	282	54	28	67	75
1901-1905 ¹	217,606	93,719	219	101	283	307	55	25	80	85
1906-1910 ¹	240,244	96,696	246	102	304	314	61	25	67	69
1911	251,409	98,159	278	110	310	316	49	19	38	39
1912	254,260	98,676	251	99	274	278	50	20	45	46
1913	255,153	98,144	207	81	277	282	58	23	41	42
1914	256,049	97,615	242	95	226	232	46	18	50	51

¹ Annual average for 5-year period.

TABLE 18.—*Population and deaths, by race, in the District of Columbia from pneumonia, bronchitis, and congestion of the lungs, and from said diseases taken together, and showing also the death rate per 100,000 of each of such classes of deaths—Continued.*

Calendar year.	Population.		Congestion of lungs.				Pneumonia, bronchitis, and congestion of lungs.			
			White.		Colored.		White.		Colored.	
	White.	Colored.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.
1896-1900 ¹	194,517	89,272	33	17	26	29	329	169	345	386
1901-1905 ¹	217,606	93,719	33	15	25	27	307	141	393	419
1906-1910 ¹	240,244	96,696	27	11	13	13	334	139	384	397
1911.....	251,409	98,159	19	8	11	11	346	137	359	366
1912.....	254,260	98,676	22	9	9	9	323	127	328	332
1913.....	255,153	98,144	9	4	12	12	274	107	330	336
1914.....	256,049	97,615	9	4	3	3	297	116	279	286

¹ Annual average for 5-year period.TABLE 19.—*Births reported in the District of Columbia, by race and sex and by months, during the calendar year 1914.*

Months.	Total.	White.		Colored.		Twins.		Illegitimate.		Attended by physician.		Attended by midwife.	
		Male.	Female.	Male.	Female.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
January.....	635	221	199	106	109	4	4	6	34	391	173	29	42
February.....	545	188	174	93	90	12	6	5	37	337	152	25	31
March.....	660	220	248	94	97	6	2	12	35	449	162	20	29
April.....	539	199	186	87	87	6	6	11	38	362	130	23	24
May.....	598	199	210	113	86	6	3	11	48	354	174	34	25
June.....	559	205	185	77	91	4	2	8	36	354	134	36	34
July.....	641	223	208	102	106	2	4	6	40	406	163	23	47
August.....	638	245	206	91	98	4	6	6	35	426	150	25	37
September.....	600	216	211	93	86	4	4	13	40	405	145	22	28
October.....	571	201	187	87	86	10	2	7	37	355	149	33	34
November.....	561	207	189	97	68	4	2	6	31	376	133	20	32
December.....	584	209	198	95	82	4	6	5	31	373	150	34	27
Total by sex and color.....	7,130	2,523	2,402	1,135	1,070	.....	.....	.....	.....	.....	.....	.....	.....
Total by race.....	.....	4,925		2,205		72	52	90	442	4,601	1,815	324	390
Total for the year.....	.....	7,130		.....		124	.....	532	.....	6,416	.....	714	.....

TABLE 20.—*Reported births in institutions in the District of Columbia, by race and sex and by place of birth, during the calendar year 1914.*

Hospitals.	White.		Colored.		Total.		
	Male.	Female.	Male.	Female.	White.	Colored.	All.
Blue Plains.....	.....	.....	2	1	.....	3	3
Casualty Hospital.....	1	.....	.....	.....	1	.....	1
Columbia Hospital.....	80	96	101	108	176	209	385
Florence Crittenton Home.....	14	9	.....	.....	23	.....	23
Freedmen's Hospital.....	.....	.....	146	145	.....	291	291
Garfield Hospital.....	91	67	30	28	158	58	216
Georgetown University Hospital.....	119	99	23	21	218	44	262
George Washington Hospital.....	92	97	.....	.....	189	.....	189
Homeopathic Hospital.....	35	24	72	70	59	142	201
Providence Hospital.....	82	98	.....	.....	180	.....	180
St. Ann's Asylum.....	6	15	.....	.....	21	.....	21
St. Elizabeth.....	1	.....	.....	.....	1	.....	1
Sibley Hospital.....	190	180	.....	.....	370	.....	370
Washington Asylum Hospital.....	3	3	15	18	6	33	39
Total.....	714	688	389	391	1,402	780	2,182

TABLE 21.—*Births reported in the District of Columbia, arranged by race, and by legitimacy and illegitimacy.*

Calendar year.	Legitimate.			Illegitimate.			Total.			Twins.			Triplets.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
1896-1900 ¹	2,712	1,380	4,092	86	491	577	2,798	1,871	4,669	71	42	113	1	...	1
1901-1905 ¹	3,335	1,499	4,834	95	481	576	3,430	1,980	5,409	72	52	124	1	...	2
1906-1910 ¹	4,533	1,786	6,319	99	482	581	4,632	2,268	6,900	84	46	130	1	1	2
1911.....	4,674	1,791	6,465	98	469	567	4,772	2,260	7,032	98	56	154	6	...	6
1912.....	4,625	1,777	6,402	109	496	605	4,734	2,273	7,007	66	64	130	...	3	3
1913.....	4,554	1,748	6,302	113	488	601	4,667	2,236	6,903	58	30	88	...	3	3
1914.....	4,835	1,763	6,598	90	442	532	4,925	2,205	7,130	72	52	124	...	...	...

¹ Annual average for 5-year period.TABLE 22.—*Stillbirths reported in the District of Columbia during the calendar year 1914, by race and sex, and certain data relative thereto.*

	White.			Colored.			Unknown race.			Total.
	Male.	Female.	Sex unknown.	Male.	Female.	Sex unknown.	Male.	Female.	Sex unknown.	
Legitimacy:										
Legitimate.....	89	82	.....	79	66	3	.....	.....	.....	319
Illegitimate.....	4	4	.....	29	34	2	.....	.....	.....	73
Unknown.....	.....	.....	.....	2	.....	2	15	11	25	55
Total.....	93	86	.....	110	100	7	15	11	25	447
Period, uterogestation:										
4 months and under.....	6	8	.....	4	3	4	3	1	22	51
5 months.....	6	4	.....	6	9	2	2	4	1	34
6 months.....	8	10	.....	10	18	.....	2	1	1	50
7 months.....	12	17	.....	17	25	1	5	1	.....	78
8 months.....	17	12	.....	17	19	.....	1	2	1	69
9 months.....	22	19	.....	39	19	.....	2	1	.....	102
10 months.....	22	16	.....	17	7	.....	.....	1	.....	63
Total.....	93	86	.....	110	100	7	15	11	25	447
By whom reported:										
Physicians.....	90	83	.....	91	87	.....	.....	.....	.....	351
Coroner.....	3	3	.....	19	13	7	15	11	25	96
Total.....	93	86	.....	110	100	7	15	11	25	447
Causes:										
Unknown.....	47	51	.....	84	75	4	15	11	25	312
Injury to mother.....	1	3	.....	1	3	.....	.....	.....	.....	8
Fright.....	1	.....	.....	.....	1	.....	.....	.....	.....	1
Uremia.....	2	.....	.....	.....	1	.....	.....	.....	.....	3
Placenta previa.....	4	3	.....	1	2	.....	.....	.....	.....	10
Prolapsed funis.....	9	7	.....	4	1	.....	.....	.....	.....	21
Placental separation.....	5	3	.....	2	1	.....	.....	.....	.....	11
Syphilis.....	2	1	.....	6	4	1	.....	.....	.....	14
Prematurity.....	2	2	.....	.....	.....	.....	.....	.....	.....	4
Eclampsia.....	3	2	.....	.....	.....	.....	.....	.....	.....	5
Knot in funis.....	2	2	.....	.....	.....	.....	.....	.....	.....	4
Dystocia.....	3	5	.....	3	6	2	.....	.....	.....	19
Malpresentation.....	7	4	.....	1	.....	.....	.....	.....	.....	12
Fibroids.....	1	.....	.....	2	1	.....	.....	.....	.....	4
Hydrocephalus.....	2	1	.....	.....	.....	.....	.....	.....	.....	3
Overexertion.....	1	3	5	9
Deformed pelvis.....	1	2	3
Cord around neck.....	3	1	4
Total.....	93	86	110	100	7	15	11	25	447

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